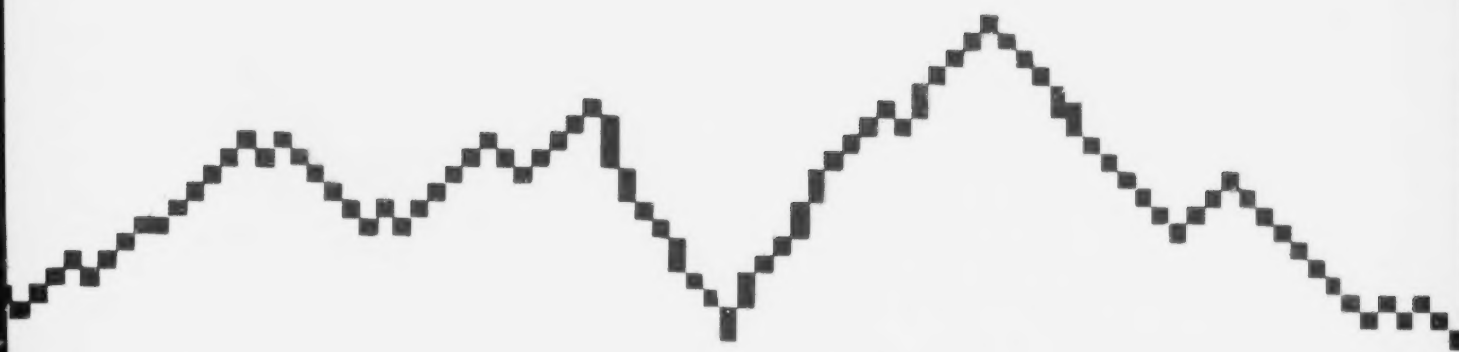




LMI LABOR MARKET INFORMATION

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oregon industrial outlook



TO THE READER



Raymond P. Thorne
Raymond P. Thorne,
Assistant Director, DHR
Administrator, Employment Division

The 1986 **Oregon Industrial Outlook** reflects many important characteristics about the state's economy. It contains analysis of information on population, labor force, and industry employment trends. Many facets unique to each industry are also highlighted in this document. This information includes payroll, new hire rate, occupational structure, number of wage and salary employees, and number of firms by industrial sector. The new publication represents the first time all of this information about specific industries has been brought together in one document.

I want to take this opportunity to share this important information with you. The volume is published in support of the efforts being made to expand and diversify Oregon's economy. The document would not have been possible without the support of the Governor's State Job Training Council and their affiliate organizations and the many individuals and employers who supply data to the Oregon Employment Division.

Thank you for providing us with the opportunity to bring this important information to your attention.

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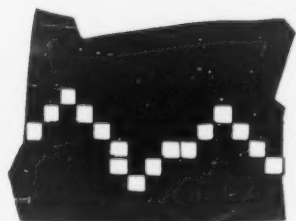
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Oregon's Economy Still on the Mend

Jeff Hannum

It's been three years since the "Great Recession" ended in Oregon. In 1986, the business recovery entered its fourth year, but economic scars from the 1980-82 slump are still visible.

The employment table (on the following page) shows that nearly 100,000 nonfarm payroll jobs disappeared in Oregon between 1979 and 1982. Virtually all the major industrial categories, with the notable exception of services, took a beating during that period. The two biggest losers in terms of actual jobs lost and percentage decline, were lumber and wood products (-25,600, or -31.5%) and construction (-24,100, or -45.5%).

During this three-year period, Oregon's total population and labor force continued to expand. The result was a huge increase (+70,000) in the number of unemployed workers from 83,000 in 1979 to 153,000 in 1982. The state's unemployment rate also soared during this period from 6.8 percent to 11.5 percent, the highest annual rate since records began in the late 1940s.

Between 1982 and the present, Oregon recovered three-fourths of the employment deficit, or about 68,000 jobs. This partial recovery, however, has been very unbalanced in terms of both industries and geographic regions affected. Major metropolitan areas, especially the Portland PMSA, have fared much better generally than have less urbanized or rural areas of Oregon. This primarily reflects the different industrial characteristics of these areas. Most non-metropolitan areas have less diversified economies. Usually they are heavily dependent on one or two manufacturing industries, especially lumber and wood products and/or agriculture to generate the bulk of their local income.

Many basic industries, however, have experienced market problems and severe competition from abroad, due in part to the dollar's high foreign exchange value in recent years. As a result, most job gains since 1982 have come primarily in nonmanufacturing industries, especially trade and services, which are centered in the metropolitan areas. Together, these two industries accounted for 46,000 of the 54,000 nonmanufacturing jobs added between 1982 and 1985. Trade and services are also the only major industry categories that have completely recovered and surpassed their previous highs established in 1979.

One consequence of Oregon's slow recovery, especially in the natural resource-based industries and in manufacturing generally, has been the persistence of relatively high

unemployment rates. For the state as a whole, unemployment has declined from 1982's all time high of 11.5 percent to 8.8 percent in 1985. Even with this improvement, Oregon's jobless rate remains about 1.5 percentage points above the national rate. In most rural areas of Oregon, unemployment rates are currently higher than the state average, and the rate of improvement since 1982 has been less dramatic. In many of these areas, high unemployment has been accompanied by either a decline, or very sluggish growth, in personal incomes as their basic industries continued to "restructure" operations or close in the face of weak commodity markets, strong import competition, high costs, and other problems.

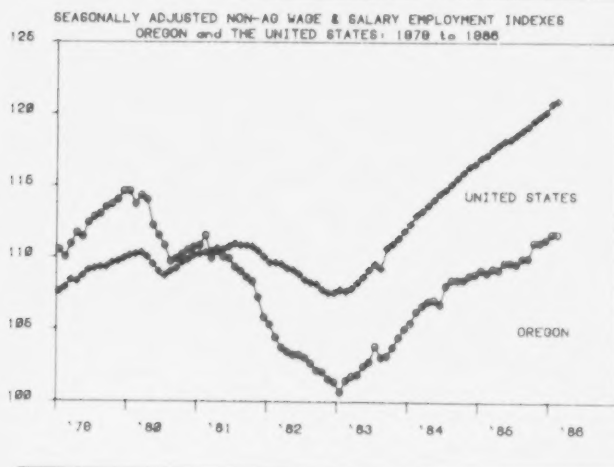
Federal budget deficits always rise during recessions, and with so much red ink flowing already, a new recession would be disastrous.

Underscoring the uneven nature of Oregon's recovery were two recent announcements. The first came last fall when the U.S. Department of Labor designated 25 of Oregon's 36 counties as federal "labor surplus areas" for the current fiscal year. The second came last December, when the Oregon Economic Development Commission identified 18 counties, plus two local areas, as state "economically lagging areas." These designations were made based on an analysis of unemployment trends, median income, and population growth in comparison to statewide data. Although these designations were made in the context of specific economic assistance programs, they do point out that economic prosperity still eludes a large number of areas in Oregon.

Despite persistent problems in some industries and regions of the state, Oregon's overall economy should continue to expand at a moderate pace in 1986-87. Non-farm payroll employment, as shown in the table, is expected to rise by nearly 2 percent each year, or 37,600 over the next two years. Unfortunately, almost all of the employment gains are again expected to come in non-manufacturing (+36,400), primarily services and trade. Very little growth is likely to occur in manufacturing (+1,200) as lumber and wood products employment

remains flat. The construction industry is also expected to generate few new jobs in the 1986-87 period due to the current oversupply of housing, excess industrial capacity, and slow population growth rate. One implication of this scenario is that the sharp contrast in business conditions between urban and rural areas of Oregon will not only persist in 1986-87, but may even grow wider.

Oregon's economy in the next two years will be heavily influenced by national and even international economic conditions. Things like Gramm-Rudman, U.S. budget and trade deficits, the foreign exchange value of the dollar, and the price of OPEC oil will all have significant impacts. Some of the more important trends and/or economic assumptions behind the outlook for continued, modest recovery for Oregon include the following.



The U.S. economy will grow by at least 2.5 to 3 percent per year in 1986 and 1987. The recent passage of Gramm-Rudman promises to significantly reduce, if not erase, annual federal budget deficits by 1991 through either spending cuts, tax increases or a combination of both. Although government spending at all levels will feel the effects of the budget ax, federal spending in both 1986 and 1987 will still greatly exceed revenues. Although across-the-board federal spending cuts began in March 1986, any tax increases will probably be delayed until 1987. One exception might be an energy tax increase, such as an oil import fee or higher gasoline taxes at the pump. The dramatic decline in world oil prices in late 1985 and early 1986 will not only boost U.S. economic growth, but it may also offer one of the least painful ways for Congress to reduce the budget deficit.

OREGON LABOR FORCE AND EMPLOYMENT TRENDS: 1979-1987

(in thousands)

	1979	1982	1985	1987 Proj. ^{1/}	1979-82	Change From 1982-85	1985-87
CIVILIAN LABOR FORCE	1,217.0	1,324.0	1,327.0	1,350.0	107.0	3.0	23.0
UNEMPLOYMENT	83.0	153.0	117.0	112.0	70.0	-36.0	-5.0
Percent of Labor Force	6.8	11.5	8.8	8.3	xx	xx	xx
TOTAL EMPLOYMENT	1,134.0	1,171.0	1,210.0	1,238.0	37.0	39.0	28.0
NONFARM WAGE & SALARY EMPLOYMENT	1,056.2	960.8	1,029.0	1,066.6	-95.4	68.2	37.6
MANUFACTURING, TOTAL	228.5	185.7	199.9	201.1	-42.8	14.2	1.2
Lumber & Wood Products	81.2	55.6	63.5	63.6	-25.6	7.9	0.1
Primary Metals	11.1	8.1	8.8	8.9	-3.0	0.7	0.1
Fabricated Metals	13.7	9.8	11.1	11.4	-3.9	1.3	0.3
Machinery	17.3	16.5	15.7	15.6	-0.8	-0.8	-0.1
Electrical Equipment & Supplies	8.6	10.1	14.1	13.5	1.5	4.0	-0.6
Transportation Equipment	12.2	7.9	9.4	10.6	-4.3	1.5	1.2
Instruments & Related Products	18.2	16.8	14.5	14.0	-1.4	-2.3	-0.5
Food & Kindred Products	25.2	23.7	24.1	24.1	-1.5	0.4	0.0
Paper & Allied Products	9.8	9.6	9.2	9.3	-0.2	-0.4	0.1
Printing & Publishing	10.0	10.0	11.5	11.6	0.0	1.5	0.1
Other Manufacturing	21.2	17.6	18.2	18.5	-3.6	0.6	0.3
NONMANUFACTURING, TOTAL	827.7	775.1	829.1	865.5	-52.6	54.0	36.4
Mining & Quarrying	2.4	1.8	1.6	1.6	-0.6	-0.2	0.0
Construction	53.0	28.9	32.1	32.4	-24.1	3.2	0.3
Trans. Comm. & Utilities	60.0	56.7	58.0	59.4	-3.3	1.3	1.4
Trade	256.8	238.7	258.8	270.2	-18.1	20.1	11.4
Finance, Ins. & Real Estate	69.1	64.9	66.9	69.9	-4.2	2.0	3.0
Services	185.7	188.6	214.5	230.8	2.9	25.9	16.3
Government	200.7	195.5	197.1	201.2	-5.2	1.6	4.1
Total Population	2,584.4	2,656.2	2,675.8	2,715.0	71.8	19.6	39.2

^{1/} Labor force/unemployment projections made by Employment Division. Nonfarm Wage & Salary Employment projections by industry made by Oregon Executive Department (March, 1986).

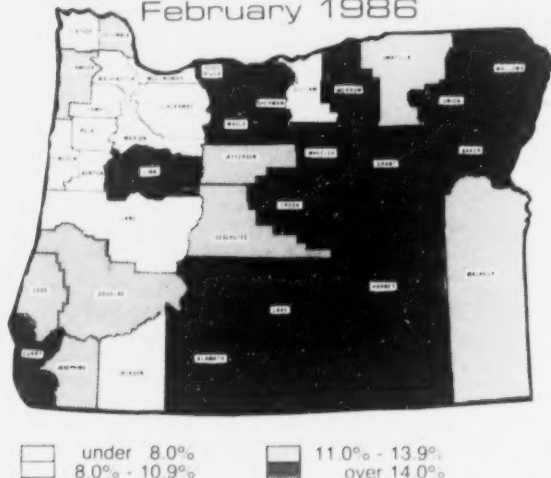
The recent plunge in oil prices reinforces an already favorable outlook for inflation. Consumer prices are likely to rise by only 2.5 to 3 percent in 1986-87. Stable food prices, lower interest rates, modest wage gains, and competition from imported goods will help to offset relatively high rates of inflation for insurance, medical and other services.

One of the main reasons for low inflation in the past couple of years has been the high foreign exchange value of the dollar. While this situation has benefited consumers in the short run by making imported goods cheaper, it has exacted a heavy toll on jobs and profits in U.S. industries that export goods and/or compete with imports here at home. Many of these industries have completed or are now in the process of restructuring their operations in order to slash costs and increase efficiency.

In 1986-87, however, a change will occur. During 1985, the dollar's foreign exchange value fell by 20-25 percent, due to lower U.S. interest rates and a concerted effort by the U.S. and its allies to drive the dollar lower. Many analysts expect a further drop of 10-15 percent in the dollar's value during 1986-87. This decline, coupled with more efficient operations, should begin to benefit most domestic industries by mid-1986.

Oregon will also benefit from a softer dollar and falling interest rates. Lower interest rates, especially for home mortgages, will boost U.S. housing starts from 1.74 million in 1985 to between 1.9 and 2 million annually. Although demand for lumber and plywood will increase in 1986-87, wood products employment is not expected to rise significantly due to increased productivity and stiff competition from producers in other parts of the U.S. and Canada. Unfortunately for Oregon, Canadian softwood lumber imports to the U.S. will continue to account for a major share (about one-third) of the market. In part, this is because the dramatic decline in the value of the U.S. dollar in the past year has been offset by a similar drop in the Canadian dollar.

STATE OF OREGON Unemployment Rates by Area February 1986



Another problem facing many wood products companies and workers in Oregon is the expiration of labor contracts in June 1986. Since these companies will be seeking large wage and benefit concessions from workers, the potential does exist for some labor disputes, layoffs, or plant shutdowns during the first half of 1986.

The 1986-87 outlook for Oregon's agricultural industry is also one of limited improvement, especially in 1986. Better markets for livestock and for some crops grown mostly in the Willamette Valley are expected. For many farmers, however, the next one to two years will still be difficult due to commodity surpluses, depressed markets, high debt levels, low asset values, and foreign competition. Farm incomes may also be hurt by the new farm bill which will reduce federal price supports for certain crops over the next several years. Greater reliance on market forces, it is hoped, will eventually reduce commodity surpluses and improve prices for farm products. This will take a few years, however, and in the meantime, many farmers and ranchers will be hard-pressed just to hold onto their farms. On the plus side, farmers will benefit significantly from lower interest rates, the sharp drop in oil prices, and improved export markets due to the dollar's recent decline.

The plunge in oil prices since late 1985 will help many other sectors of Oregon's economy besides agriculture. Tourism and transportation services are two obvious beneficiaries. There is one industry, however, that stands to lose from this development. Within Oregon's fabricated metals industry are some firms which build multi-million dollar drill-site production and utility modules for the oil industry. Since 1984, when oil module work began in Oregon, the statewide employment and payroll generated from this activity has not been very large. In Portland, Astoria and Coos Bay, however, where the work is typically done, these module contracts have had a big economic impact. Due to the dramatic drop in oil prices recently, it is probable that module production work in Oregon will drop off sharply, or even cease for awhile, after existing contracts are completed later in 1986.

An important sector of Oregon's economy which has fallen on hard times in the past year and a half is "high technology" manufacturing. This sector, actually a diversified group of industries making various products from semi-conductors to computers to scientific instruments, is still in a slump. Although two new companies plan to start production during the first half of 1986, they will be more than offset by a large plant closure and related layoffs early this year. Many analysts are predicting a turnaround for the computer industry by 1987. Before this occurs, however, employment in high technology manufacturing is expected to slip a little further.

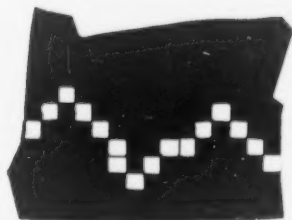
The timing of the rebound in high tech and other manufacturing industries will be determined by a number of factors. A few, in particular, will be the rate of improvement in exports versus imports, and the strength of business investment and consumer spending. Although the rates of increase will continue to slow, spending by consumers and business firms in 1986-87 is expected to show modest gains. However, record levels of installment debt coupled

with low savings may exert a powerful drag on spending if consumer confidence drops. If it does, and if the economy begins to falter, the Federal Reserve will foster lower interest rates in order to prevent a new recession. Federal budget deficits always rise during recessions, and with so much red ink flowing already, a new recession would be disastrous.

The net effect of all these factors, then, on Oregon's economic prospects for 1986-87 will be positive, resulting in modest improvements on both the employment and unemployment fronts. Services and trade, which will receive an extra boost in 1986 from World's Fair and Canada-bound tourists, will once again outperform all other industries.

For further information on general economic trends in Oregon contact Jeff Hannum.

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Population Trends in Oregon

Earl Fairbanks

Population Growth 1850-1985

Oregon's population, like that of other western states, has grown spectacularly since the beginning of European settlement less than 150 years ago. From the first U.S. Census, taken in 1850, the population has increased continually and at a rate which has been consistently greater than the national average.

The population of Oregon has increased from approximately 25,000 in 1850 (12,093 pioneers enumerated in the 1850 Census, and a perhaps slightly larger number of Indians not enumerated) to 2,675,800 inhabitants in 1985. In 1850 almost 95 percent of the 12,000 white Oregonians lived in the Willamette Valley, without any significant clustering of population. Hardly any white population existed in any other part of the State. Indian concentrations were marked at Klamath Lake, Celilo Falls, the Willowa country, and in a few coastal settlements. Elsewhere, they were widely scattered.

By 1880 there were almost 175,000 Oregonians, and this population was spread over a large part of the state, roughly approximating the present distribution. But with less than one-tenth of the present density. The Willamette Valley continued to be the core of settlement with nearly 60 percent of the population, and a definite cluster appeared around Portland. Indeed, one out of every ten Oregonians lived within the Portland city limits. About 7,000 people lived along the coast south of Astoria, and slightly more resided in Clatsop County. The Umpqua and Rogue Valleys had 20,000 settlers, brought there by land hunger and gold fever. Eastern Oregon had nearly 40,000 people, who were sprinkled around The Dalles, in Umatilla, Union, and Baker counties, and even more sparsely settled in the southeastern part of the state.

By 1910 there was a similar, but much denser pattern. There were now nearly 675,000 Oregonians, of whom 63 percent lived in Portland. Another 25,000 were residents of Salem or Eugene; and the rural population of the Valley had increased to 200,000. New focuses of settlement appeared on the coast. In addition to the 10,000 people in Astoria, there were new settlements at Tillamook, Newport, and around Coos Bay and along the Coquille River. In all they totaled 50,000 inhabitants. The clusters of people around Roseburg, Grants Pass, Medford, and Ashland totaled nearly 150,000 Oregonians. Non-urban population was now relatively wide-spread in eastern Oregon, along the Snake River, in Union, Willowa, and Umatilla counties. A

few nodes of urban population appeared in Klamath Falls, The Dalles, and Baker, especially, but smaller centers also developed at Hood River, Pendleton, LaGrande, Lakeview, Burns, and Prineville. The area east of the Cascades contained 21 percent of Oregon's population, a slight relative drop since 1880.

By 1940 the present pattern was essentially set. The bulk of the population, which had exceeded a million, was concentrated in urban clusters. Portland alone accounted for 39 percent of the total population. The non-urban population was beginning to decline relatively and in many parts of the state in absolute numbers as well.

By 1980, Oregon had over 2.6 million residents, slightly over 1 percent of the United States population, and almost 9 percent of the population of the Pacific coast states. One-third of the population of the Pacific Northwest lived in Oregon. Oregon's 26 percent rate of growth between 1970 and 1980 was tenth fastest among all states. Though quite impressive from a national perspective, Oregon's rate of population growth was only ninth fastest among the thirteen western states. Florida was the only non-western state with a growth rate higher than Oregon's.

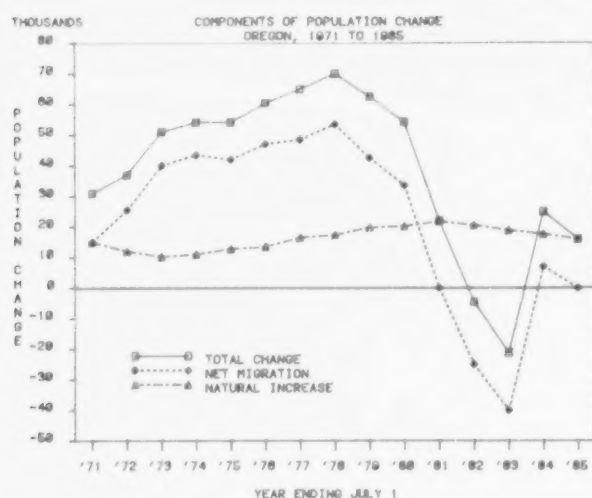
In light of the state's precarious economy, any projections of the state's population should be interpreted with caution.

But the population boom of the 1970s dramatically slowed by 1980 as the recession took its toll in the Oregon economy. As the accompanying graph illustrates the normal in-migration trend turned completely around during 1981 through 1983 as more people moved out of Oregon than moved in. A 65,200 net out-migration during the two years far outweighed the 39,500 natural increase and Oregon sustained a 25,700 population loss.

Though all areas in the state were affected by the recession, population change varied substantially among counties. For instance, while Lane County experienced an overall loss of approximately 5,700 residents, Washington County's population grew by more than 22,000. Other counties which recorded substantial population gains included Clackamas (6,300), Deschutes (3,350), Jackson (5,450), Josephine (2,650), and Yamhill (2,250). Counties

with losses in excess of 1,000 residents were Coos (3,900), Douglas (1,600), and Klamath (1,550). People moved out of the state, apparently in search of jobs as Oregon's economy stalemated following 1980. The most likely person to suffer job loss was the young person with less job security. Indeed, the Bureau of Census estimated that Oregon lost over 9 percent of its young adults from 1980 to 1983. It was the largest loss in that age category of any state. The bureau reported that Oregon's population of persons aged 18-24 fell from 331,000 to 300,000, a drop of 9.3 percent compared to the national average decline of .4 percent.

But by 1984 an increasing number of jobs stemmed the tide of residents leaving Oregon. The state posted a population gain of 25,000 in 1984 and 15,800 in 1985, the first gains in three years. These increases lag behind the growth of the 1970s when the state's population added an average 40,000 each year.



Geographic Distribution

Most Oregonians now live in incorporated cities. By 1985, 58 percent of the population had congregated into 242 incorporated cities, towns, and villages in Oregon. This is a state of small communities with 100 towns reporting fewer than 1,000 inhabitants in 1985.

Nearly half (42%) of Oregon residents live in the Portland metropolitan area which includes the counties of Clackamas, Multnomah, Washington, and Yamhill. Another 26 percent occupied the middle and southern Willamette Valley counties of Marion, Polk, Benton, Linn, and Lane.

The current population of eastern Oregon, although slightly larger than in 1940, represents a decreased proportion of the state. From 16 percent in 1940, the population of counties east of the Cascades amounted to 13 percent in both 1970 and 1985, despite sizable growth around a few centers such as Klamath Falls and Bend.

Educational Attainments

In April 1980 about 76 percent of all Oregon residents 25 years old and over were high school graduates and 18 percent attended four or more years of college. Ten years earlier the figures were 60 and 12 percent. Oregon compared very favorably with the nation as a whole which recorded figures of 69 percent and 17 percent for 1980.

The increase over the years reflects the larger relative size of the better educated young adult age groups and the mortality among the less educated older population. Of young adults in Oregon 25 to 29 years old, 89 percent were high school graduates in 1980, compared to 83 percent in 1970, and 64 percent in 1950. The proportion of adults who had completed four or more years of college also grew. In the three decades from 1950 to 1980, the percentage of all adults 25 years old and over who had completed college rose from 7 percent to 18 percent. Among young adults (25 to 29 years old), college completion rose from 9 to 22 percent in the same period.

Notice that, in all cases, Oregon's percent of high school and college graduates equals or exceeds the nation's. Probably the most important factor contributing to this phenomenon is that, historically, Oregon has not had as many older residents as other states, especially midwest and eastern states although this is gradually changing. Oregon's high levels of in-migration during the 1970s were largely composed of younger people. Also, Oregon and other western states are attractive to young professionals. Oregon's geography and life style are a magnet especially to college graduates whose careers may allow for more alternatives in where to live. By county, Benton reported the highest percentage of both high school and college graduates in 1980 with 86.1 and 36.6 percent respectively. Benton is a relatively small county heavily influenced by the jobs and dollars provided by Oregon State University. Crook and neighboring Wheeler counties in Central Oregon shared the distinction of the lowest percentages of school completers. Wheeler found that only about 67 percent of its residents aged 25 and over were high school graduates while Crook County reported that only a little over 9 percent were college graduates.

EDUCATIONAL ATTAINMENT IN OREGON AND THE U.S. (in percent)

	High School Graduates				College Graduates			
	U.S.		Oregon		U.S.		Oregon	
	1950	1980	1950	1980	1950	1980	1950	1980
25 Years and Older	34	69	42	76	6	17	7	18
25-29 Years of Age	53	85	64	89	8	22	9	22

SOURCE: U.S. Bureau of the Census

An accompanying table compares the educational characteristics of all counties. It also indicates what kind and how many post-high school educational opportunities are available. Note that those counties with a post-secondary institution tend to have the higher percentages of high school and college graduates.

**EDUCATIONAL CHARACTERISTICS
OF PERSONS 25 YEARS OLD AND OVER
1980**

	Percent		Number of Educational Institutions		
	High Schools	4 Years or More College	State ^{1/} Colleges or Universities	Private ^{2/} Colleges	Community ^{3/} Colleges
Oregon	75.6	17.9	8	18	15
Baker	69.7	13.0	0	0	0
Benton	86.1	36.6	1	0	0
Clackamas	79.4	19.2	0	1	1
Clatsop	74.4	14.3	0	0	1
Columbia	69.3	10.0	0	0	0
Coos	68.0	11.2	0	0	1
Crook	69.6	9.4	0	0	0
Curry	68.1	11.3	0	0	0
Deschutes	78.3	16.6	0	0	1
Douglas	67.9	10.5	0	0	1
Gilliam	79.0	17.1	0	0	0
Grant	70.5	11.2	0	0	0
Harney	72.0	22.7	0	0	0
Hood River	69.5	11.3	0	0	0
Jackson	73.9	15.3	1	0	0
Jefferson	70.2	13.6	0	0	0
Josephine	68.1	10.9	0	0	1
Klamath	74.3	12.4	1	0	0
Lake	67.4	13.1	0	0	0
Lane	77.6	20.4	1	1	1
Lincoln	72.4	14.4	0	0	0
Linn	69.5	10.6	0	0	1
Matheur	67.7	12.0	0	0	1
Marion	73.5	16.7	0	3	1
Morrow	71.8	11.7	0	0	0
Multnomah	76.4	19.8	2	9	2
Polk	73.7	20.0	1	0	0
Sherman	75.4	14.3	0	0	0
Tillamook	68.2	11.2	0	0	1
Umatilla	71.3	12.2	0	0	1
Union	75.0	15.5	1	0	0
Wallowa	74.5	13.2	0	0	0
Wasco	75.2	13.6	0	0	1
Washington	85.0	25.9	0	2	0
Wheeler	67.2	6.9	0	0	0
Yamhill	72.0	15.0	0	2	0

1/ Enrollment in 1984 was 58,360.

2/ Enrollment in 1984 was 15,995.

3/ Enrollment in 1984 was 237,564.

Changes in the State's Age Structure

The age structure is one of the most important characteristics of a population. Changes in the age structure, independent of the size of the population, can have major economic and social ramifications. For instance, today's persistent problem of unemployment is thought to be due, in part, to the maturation of the "baby boom" generation. The sudden influx of these young adults and women into the labor force in the 1960s and 1970s has contributed to the economy's inability to create enough new jobs.

The most significant change in the age structure of Oregon's population since 1980 is the increase in the population 65 years and over. This particular age group is the state's fastest growing. While the increase in the total population has been only 1.6 percent, the population 65 years and over has grown by 15.1 percent.

It is also interesting to note that, while the Portland Metropolitan Area has received the lion's share of overall net migration since 1980, areas outside the Portland region seem to be preferred by elderly migrants. For example, the counties of Deschutes, Jackson, Josephine, Lane, and Marion accounted for 97 percent of the 7,450 net migration of elderly persons to the state.

The Outlook for the Future

Forecasting future demographic change in Oregon is particularly troublesome at this time. It appears that the state's economy is precarious, leaning toward continued stagnation one month and toward renewed growth the next. Any projections of the state's population should be interpreted with caution.

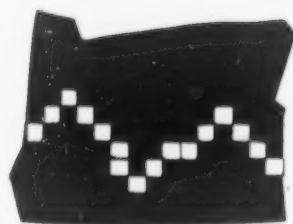
Population forecasts made by the Center for Population Research and Census during 1984 project an increase in the state's population of nearly 8 percent during the last half of the 1980s. On an annual basis, this represents a rate of growth of only 60 percent of that experienced by the state during the 1970s. However, it is substantially greater than the 1.6 percent that occurred during the period 1980-85. If these projections prove accurate, we can expect a 1990 Census population of 2,884,000.

For further information on population trends in Oregon contact:

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Characteristics of Oregon's Labor Force

Earl Fairbanks

Past Trends

Not only were the 1970s a decade of rapid population growth, they were also a period of even more sweeping labor force expansion. The labor force was not a static pool of persons who were working or had lost jobs. Its composition was continually changing. Fueled by rapid population growth, the aging of the "baby boom" generation, and dramatic increases in the percentage of women looking for work, Oregon's labor force grew by 462,500 between 1970 and 1985. The following table shows the labor force grew much faster than the population in Oregon and as fast or faster in the metropolitan areas.

1970-1985 GROWTH RATES

	Population	Labor Force
Oregon	+ 28%	+ 53%
Portland PMSA	+ 23	+ 55
Salem MSA	+ 38	+ 63
Eugene MSA	+ 25	+ 53
Jackson MSA	+ 46	+ 76

Although males still account for well over half of the total labor force in Oregon, their proportion has been falling. In 1970 the state's labor force composition was 63 percent male and 37 percent female. For 1987, it is expected to be 57 percent male and 43 percent female.

Another way of looking at this shift in the labor force composition is to compare growth rates. The female labor force has grown nearly *twice* as fast as that for males since 1970. As a result more than half (53%) of the 491,500 increase in Oregon's labor force between 1970 and 1987 is expected to be among women. This pattern of faster female labor force growth is expected to continue during the rest of the 1980s. The economy's overall growth trend, however, will have a major limiting influence on how fast both the female and male labor force components expand.

Another significant shift in the composition of the area's labor force involves the changing age structure. As the large "baby boom" generation grew older and entered the working world during the 1970s, dramatic changes occurred in the age group proportions that make up the total labor force. The 25-44 age categories have grown three times faster than average and will increase their shares of the total work force between 1970 and 1987.

OREGON LABOR FORCE GROWTH 1970-1987 Projected

Age	1970	1987	Change
16-19	65,509	87,750	+ 34%
20-24	103,062	157,376	+ 53
25-34	170,871	409,359	+ 240
35-44	163,627	343,295	+ 210
45-64	299,086	319,445	+ 7
65 +	34,914	38,776	+ 11
TOTAL	837,069	1,358,000	+ 62

SOURCES: U.S. Bureau of the Census (1970)
Lawrence Berkeley Laboratories (1985)

Since the young adult segment is growing more slowly than average, there are relatively fewer 16-24 year olds, especially 16-19 year olds. In some parts of the country a labor scarcity in entry level jobs is becoming apparent. There are fewer young people for the numerous jobs in fast foods, gas stations, etc. As this trend continues, young people will face less competition for the available jobs and unemployment should shrink. This scenario is not as true for Oregon at this time, however, as it is for most of the rest of the nation. With Oregon's higher proportion of jobless, many adults are in competition for jobs previously dominated by the young. Nevertheless, regardless of the age of the jobseeker, competition for lower paid jobs is slackening.

**... many adults are in competition
for jobs previously dominated by the
young.**

In addition to the aging of the resident population, there is another factor which helps explain the huge increase in the 25-34 age component. During the 1970s, nearly three-fourths of the state's population growth was due to in-migration. Past studies have shown that in-migration to Oregon is most likely to be by young adults.

The era of rapid growth came to an end in the early 1980s. While the labor force continued to expand until 1982, the number of jobs available did not keep pace with people

looking for work. Between 1978 and 1982 the number of unemployed more than doubled (+ 113%), while the labor force increased 11 percent in the state.

Although Oregon's recovery since the 1980-82 recession period hasn't exactly been the economic equivalent of Halley's Comet, we are entering the fourth year of recovery. As a result, while the labor force has grown slightly, by less than 1 percent between 1982 and 1985, unemployment has decreased by 24 percent.

How Many Are Unemployed?

Suppose you take the entire population of Baker, Crook, Curry, Gilliam, Grant, Harney, and Hood River counties. That's nearly 80,000 people. Then add in the population of Jefferson, Lake, Morrow, Sherman, and Wallowa counties. That's another 37,000 raising the total almost 117,000.

This may give us some idea of the size of the state's unemployment problem since 1985's annual average unemployment also numbered about 117,000. The number of jobless is not expected to decrease, but to increase in the near future. A quickening of the local economies will lure some people into the labor force and encourage others to move to the area, attracted to the available jobs. Current projections for 1987 are for a slight increase in the number of unemployed to around 128,000 and the unemployment rate is expected to register about 9.5 percent.

Who Are the Unemployed?

A person may be considered unemployed for any of four reasons.

1. The first, and most familiar, of the reasons for unemployment applies to *job losers* whose employment ended involuntarily and who began looking for another job. This group, most sensitive to changes in the economic climate accounted for nearly three out of every five unemployed workers in Oregon in 1984. Unemployed men were much more likely to be "job losers" (68%) than were unemployed women (45%).

The plight of job losers is generally considered to be more serious than that of persons whose unemployment stems from recent entry into the labor market or from quitting jobs. About half of the job losers nationwide are heads of households. Their unemployment normally results in a sharp curtailment of family income (as well as possible loss of accumulated pension rights and security), unless replaced by unemployment compensation, earnings of other family members, or other funds.

2. *Job leavers* are persons who quit or otherwise ended their employment voluntarily and immediately began looking for work. Job leavers were about 10 percent of Oregon's unemployed in 1984.
3. *Re-entrants* are persons entering the labor market who previously worked at a full-time job lasting two weeks or longer, but have been absent from the labor force for a period of time.

Re-entrants were about one-fourth of Oregon's unemployment in 1984. A large portion of re-entrants to the labor force are women with previous work experience who had left the labor force to raise a family and who are now returning to the job market. In 1984 about 34 percent of unemployed women were "re-entrants" versus only 18 percent of unemployed men.

4. *New entrants* are persons who have never worked at a full-time job lasting two weeks or longer. New entrants account for about 7 percent of Oregon's unemployed. For the most part, new entrants to the labor force are concentrated among teenagers and those in the 20-21 year age range who may have just left school.

These last three reasons for unemployment (job leavers, re-entrants, and new entrants) are expected to have become more frequent since 1984 as the economy recovers from the 1980-1982 recession and job opportunities expand.

A more detailed picture of the unemployed in Oregon is available in the accompanying Job Applicant Table. Persons who register for employment at the Employment Division offices throughout the state and have previous work experience are included in the table.

JOB APPLICANT TABLE

	Male	Female	Total
Professional & Technical	10,124	7,392	17,516
Managers & Officers	6,881	3,712	10,593
Sales Workers	6,333	6,264	12,597
Clerical Workers	7,190	36,275	43,465
Craft Workers	30,542	2,210	32,752
Operatives	23,970	9,952	33,922
Service Workers	12,778	20,287	33,065
Laborers	18,851	3,928	22,779
Farm Workers	4,030	998	5,028

Forty-one percent of the applicants on the accompanying table were female, a percentage roughly equivalent to the proportion of women in the labor force. Women job applicants are found in all the major classifications, but as expected are clustered at Clerical and Service workers.

Operatives, including jobs such as machinists, assemblers, truck drivers, and cannery workers, took top billing in the state with nearly one-fifth (20%) of all applicants registering in this category. Most factory workers are operatives, and the class is heavily male dominated; 77 percent are male.

Why Are They Unemployed?

There are probably as many personal reasons for unemployment as there are persons unemployed. For a farming and wood products state, *seasonal unemployment*, which results from normal seasonal patterns, will affect tens of thousands of workers. In Oregon there are more than

100,000 employed in industries with significant seasonal unemployment problems. These industries include agriculture, food processing, construction, and logging. Other industries experience lesser seasonal patterns but still contribute to seasonal unemployment. This type of unemployment follows a generally predictable yearly pattern.

Another type of unemployment is *frictional unemployment*. Frictional unemployment is generally of short duration and involves workers either just entering the labor force or moving between jobs. It includes people who quit their jobs to look for better ones or to move to another part of the country. Individuals tend to have more control over frictional unemployment than any other type. During adverse economic times, frictional unemployment tends to decline as people hesitate to switch jobs when few jobs are available.

**... there are more than 100,000
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Cyclical unemployment results from downturns in business activity and is brought about by reduced demand for goods and services. Cyclical unemployment can affect a broad range of occupations and industries and is often of a longer-term nature than seasonal unemployment. In the past, rising cyclical unemployment during recessions has imposed pressure on the government to provide some form of stimulus to business activity in order to provide jobs for the unemployed. Cyclical unemployment is perhaps best known as a recession. The two major cyclical downturns of the past 10 years in Oregon occurred in 1975-76 and 1981-83. In both of these cases, annual average unemployment rates jumped into double-digits and stayed there until the cycle reversed.

Structural unemployment is caused by a mismatch between the types of jobs available and skills of the workers and may be the most serious type of unemployment. Barriers to matching the jobs to the workers may come from such sources as modification in an area's economic base (i.e., a change from wood products manufacturing to electronics) or through technological change (e.g., robots in the assembly line). Structural unemployment is a problem that does not go away after a recession (or cyclical unemployment) becomes history. The people affected by structural unemployment are not just out of jobs, they are also out of careers. The victims, often called "dislocated" or "displaced" workers, basically have two options, dropping out of the labor force or retraining for a new career. During 1986, there are expected to be about 93,000 Oregon workers who are unemployed or have received notice of layoff, and are unlikely to return to their previous occupation or industry of employment.

Many, but not all of the 93,000 dislocated workers should be regarded as having suffered serious economic consequences. For some people, the job loss has been only a temporary setback. A national survey for the U.S.

Department of Labor shows that of the dislocated workers who found employment, about half were earning as much or more in their current jobs than in the ones they had last.

The younger the workers, the more likely they were to have found new jobs after their displacement. And, in general, the more skilled the occupation the more likely the worker was to be re-employed. In the national survey about 75 percent of those who had been in managerial and professional jobs were back at work when interviewed. In contrast, among the workers who had lost low-skill jobs as handlers, equipment cleaners, helpers, and laborers, less than one-half had found work.

Understandably, the workers who had been displaced from high-wage industries were most likely to have suffered a drop in earnings in taking a new job. For example, the median weekly earnings, for 980,000 re-employed workers who had previously been in durable goods manufacturing, had been \$344. In contrast, the median for the jobs they held in January 1984 was only \$273. This is comparable to a drop in hourly earnings (assuming a 40-hour week) from \$8.60 to \$6.83.

Among the findings from other studies on displacement which have dealt with earnings differences between displaced workers' old and new jobs are:

1. Older workers and workers with less education are more likely to experience a loss of earnings.
2. Earnings losses are greater in areas of high unemployment and in small labor markets because there are fewer job opportunities.
3. The loss of earnings are particularly large for workers displaced from well-paying unionized industries.

Much of the national attention about worker dislocation has been focused in the steel industry. This is because any plant shutdowns or mass layoffs have a particularly large impact on specific geographic areas as well as a large multiplier effect on other sectors of the economy. What has happened with the wood products industry in Oregon is not that much different. The state's industries were not only hard hit by the recession of the early 1980s, but they also had to retrench and alter their production methods because of outside competition and other structural factors. These developments led to large reductions in employment with the payrolls in these industries being lower in 1984 even after some recovery from the recession.

What happened in the steel industry was that less than half (46%) of the workers displaced from their jobs since January 1979 were working again in January 1984. Not surprisingly, most of those employed again had left the primary metals industry. Having had to find work in generally new fields, the displaced workers reported a larger decline in earnings (-40%) than workers from any other industry group. Median earnings of these re-employed workers were \$246 at their new jobs versus \$407 at their old ones. Similar earnings losses are likely for Oregon workers who have been displaced from high wage industries and occupations.

OREGON DISLOCATED WORKERS

	Number ^{1/}	Percent
Total	92 900	100.0
Male	56 000	60.3
Female	36 900	39.7
16-21	3 000	3.2
22-54	78 700	84.7
55-64	10 400	11.2
65 +	800	0.9
White	84 900	91.4
Black	2 500	2.7
Amer Indian	1 400	1.5
Asian	1 200	1.3
Spanish	2 000	2.1
Other	900	1.0

^{1/} Projection based upon a 1984 U.S. Department of Labor (BLS) study of dislocated workers. Oregon's 1984 estimate projected to 1986 using the expected change in unemployment. Sex, age, and race distributions based on characteristics of long-term unemployed UI claimants.

1986 and Beyond

Despite persistent problems in some industries and regions of the state, Oregon's overall economy should continue to expand in 1986. The labor force is expected to increase by about 15,500 each year through 1987. It is expected that females will continue increasing their participation in the labor market. Women will be more likely to finish college than in the past, and will make even greater inroads into previously male-dominated jobs. Although wage rates for jobs traditionally held by women are still depressed, this should abate as all jobs become more accessible to both sexes.

Lower birth rates during the 1970s will mean fewer young people entering the job market. Population estimates show significantly lower population levels between the ages of 5-19.

As the table shows, the number of young adults (ages 20-29) competing for jobs is expected to fall by 1995. Though this group may still have job problems because of their age, their population will be less with not as much competition from other people their age for the jobs traditionally held by young adults.

The table also indicates, (see ages 5-19) that communities that closed schools and cut teaching staff as pupil enrollment dragged in recent years may soon be bracing for another wave — the offspring of the postwar baby boom generation. This suggests increased job opportunities in education and related fields.

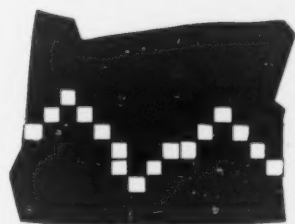
OREGON POPULATION PROJECTIONS

Age	1985	1990	1995
0-4	206,988	210,811	217,904
5-9	194,796	211,928	215,813
10-14	187,650	206,650	223,094
15-19	206,169	204,524	223,470
20-24	224,001	215,940	215,424
25-29	222,895	227,596	220,902
30-34	244,740	244,601	250,190
35-39	217,224	258,196	259,393
40-44	161,815	222,671	263,069
45-49	125,818	164,716	224,573
50-54	111,608	126,895	164,967
55-59	114,557	111,415	126,277
60-64	118,100	111,477	108,957
65-69	107,442	110,963	105,269
70-74	93,794	96,037	99,461
75 +	138,305	160,132	175,837
TOTAL	2,675,900	2,884,000	3,094,600

SOURCE: Portland State University, Center for Population Research and Census

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Export Related Industries in Oregon

Duane Ackerson

Given the current, post-recession interest in Oregon in economic development, it is natural that some of this interest centers around export (or "basic") industries. These are industries where employment exceeds that needed to produce goods and services for use in Oregon. Those excess goods and services are exported, and therefore contribute to the State's growth by bringing in revenue from outside.

Estimating exports on the basis of employment is a crude measure of the export potential of a state or local area. Employment does not take into account differences in productivity between regions, nor does it take into account differences in value added per employee in different industries in the same community. However, employment information is about the only comparable data series available at the local, state, and national levels. These data permit the evaluation of export trends within various regions.

Department Stores benefit from the Washington sales tax, which draws customers into the Portland area.

The location quotient (LQ) is an economic base analysis tool that starts by looking at an area's ratio of employment in an industry to employment in all industries in that area. It divides this ratio by a second one, that of national employment in that industry divided by total national employment in all industries. It is possible, using this tool, to determine if an area has more, less than, or an equivalent share of national employment in a given industry, with an LQ of 1.00 representing an equivalent share, and numbers above and below this base line representing excess or less than national share of employment respectively. All export related industries which have an LQ greater than 1.00 are listed in Appendix E.

The two tables display the top ten three-digit Standard Industry Classification (SIC) groups in Oregon in 1984, ranked first by location quotient and next by excess employment. Not surprisingly, three Lumber & Wood Products components lead the top ten LQ list, with logging higher than the other SIC 24 industries thanks to log

exports. In fact, logging ranked within the top four industries by LQ in all districts (see map) but one, District 2, with Sawmills & Planing Mills appearing in the top four by LQ in ten districts and Millwork/Plywood/Structural Members ranking in the top five in eight. One other Lumber and Wood Products industry, Misc Wood Products, also appears in the top ten. Preserved Fruits & Vegetables plays an important role in both the Willamette Valley economy and that of Eastern Oregon.

1984 TOP 10 SICs

(Ranked by LQ)

Rank	SIC	Industry Title	LQ
1	241	Logging Camps & Logging Contractors	14.13
2	243	Millwork/Plywood/Structural Members	11.00
3	242	Sawmills & Planing Mills	10.71
4	333	Primary Nonferrous Metals	5.46
5	203	Preserved Fruits & Vegetables	5.07
6	382	Measuring & Controlling Devices	4.56
7	249	Misc Wood Products	4.13
8	263	Paperboard Mills	3.19
9	223	Weaving & Finishing Mills, Wool	2.92
10	559	Automobile Dealers, NEC	2.46

1984 TOP 10 SICs

(Ranked by Export Employment)

Rank	SIC	Industry Title	Export Related Employment
1	243	Millwork/Plywood/Structural Members	23,290
2	242	Sawmills & Planing Mills	20,546
3	241	Logging Camps & Logging Contractors	11,934
4	581	Eating & Drinking Places	10,788
5	203	Preserved Fruits & Vegetables	9,946
6	382	Measuring & Controlling Devices	9,276
7	421	Trucking, Local & Long Distance	4,356
8	531	Department Stores	3,391
9	514	Groceries & Related Products	3,049
10	503	Lumber & Construction Material	2,749

The other list shows a similar pattern, with Lumber & Wood Products industries in the top three. Measuring & Controlling Devices, seventh on the preceding list, is sixth on this, with much of the export portion from the Portland area, while Preserved Fruits & Vegetables holds nearly the same position on both. Department Stores benefit from the Washington sales tax, which draws customers into the Portland area. Trucking is also partially interstate in nature, with both Local & Long Distance trucking in this three digit SIC. About 68 percent of the activity is centered in District 2.

The following table displays industries with employment over 100 that ranked in the bottom ten statewide. The first industry on this list, Oil & Gas Field Services, may be an area for future growth; employment in this industry increased by 90 percent 1980-84. Number three on the list, Plastics Materials & Synthetics, has also grown by 50 percent over this time period.

1984 BOTTOM 10 SICs

(Ranked by LQ)

Rank	SIC	Industry Title	LQ	Export Related Employment
1	138	Oil & Gas Field Services	04	179
2	364	Electric Lighting & Wiring Equipment	08	166
3	282	Plastics Materials & Synthetics	08	177
4	314	Footwear, Except Rubber	10	314
5	346	Metal Forgings & Stampings	10	261
6	283	Drugs	10	223
7	284	Soap, Cleaners & Toilet Goods	13	210
8	273	Books	14	158
9	335	Nonferrous Rolling & Drawing	15	317
10	329	Misc-Nonmetallic Mineral Products	15	188

Location quotients may be produced at the substate (district or county) as well as the statewide level. For example, SIC 24, the two digit SIC for Lumber & Wood Products, had an Oregon LQ in 1984 of 9.02, while District 4 (Linn-Benton) shows an LQ for this industry group of 16.97. These LQs, as one might expect, are many times those for SIC 24 in District 2. However, 1.74 in itself could be a misleading measure if you were to just look at Lumber & Wood Products at the District 2 level. The LQ for Multnomah County, the most heavily urbanized portion of the district, is 1.03, suggesting that most export employment is in the other two counties, and that we shouldn't expect to see any sawmills springing up soon on Broadway or Burnside. The table below shows these comparisons. Area supported, or base, employment is calculated by dividing total employment in an SIC by its LQ; subtracting this supported portion from total SIC employment produces export employment.

LUMBER & WOOD PRODUCTS 1984: Some Comparative Measures

Area	LQ	Area Industry Employment	Base Employment	Export Related Employment	Export as % of Area Ind Empl
Oregon	9.02	66,575	7,380	59,195	88.9
District 1	12.74	3,302	265	3,037	92.0
District 2	1.74	6,266	3,601	2,665	42.5
District 3	6.21	4,736	763	3,973	83.9
District 4	16.97	6,451	380	6,071	94.1
District 5	17.17	11,805	688	11,117	94.2
District 6	36.46	8,134	223	7,911	97.3
District 7	26.14	4,387	168	4,219	96.2
District 8	17.21	7,412	431	6,981	94.2
District 9	9.05	976	108	868	88.9
District 10	24.11	5,212	216	4,996	95.9
District 11	27.50	4,146	151	3,995	96.4
District 12	5.33	1,009	189	820	81.3
District 13	20.90	2,096	100	1,996	95.2
District 14	5.70	495	87	408	82.4
Multnomah	1.03	2,445	2,374	70	2.9

NOTE: Detail may not add to total due to rounding

The above table includes one county along with the districts in order to compare industry activity in District 2 with that in Multnomah. This inclusion also indicates that LQs only tell a portion of the story. By looking at employment and then calculating export/surplus employment, we can arrive at a better picture of how employment is distributed than we can grasp from looking at LQs alone. For example, the .71 difference in LQ between District 2 and Multnomah translates into a 2,595 surplus in the rest of District 2 in Lumber & Wood Products, as against a surplus of 70 in Multnomah.

In addition, since LQs are calculated using national employment in the denominator, just looking at the LQ may not give us a complete picture of how an industry, or industry group, in a particular area of the state is faring when compared with the state as a whole. Union County, with an impressive LQ of 23.45 in SIC 24, has only 2 percent of the total state employment in Lumber & Wood Products, but, with that industry group providing 1,316 jobs, or 17.6 percent of total county employment, it is critical to the economy of Union County.

Now to look at a "low" LQ: in Lane County, the 1984 LQ for the construction industry is .66. This might seem rather dismal, and evoke images of families roaming the streets while waiting for future homes to be built, or construction workers streaming out of town in search of work elsewhere in the Willamette Valley, until, looking beyond to the state, we notice that the Oregon LQ for construction is .65, virtually identical with that of Lane. In fact, using this statewide factor may give a more accurate picture of how Lane compared with Oregon in 1984 activity. Using the statewide factor to generate an Oregon-weighted LQ, we can see that Lane is providing a bit more than the norm to employment in construction.

The following tables display similar comparative measures for four other two digit SICs: Food & Kindred Products (SIC 20), Food Stores (SIC 54), Primary Metal Industries (SIC 33), and Fabricated Metal Products (SIC 34). Of these, Food & Kindred Products is an export or basic industry. Food Stores (LQ .99) and Primary Metal Industries (1.00) are more or less in equilibrium, and Fabricated Metal Products (.68) is an import industry, producing less on a statewide level than is needed to meet demand, therefore necessitating that additional products be imported. (The same definitions apply to service industries.) On the tables, a negative number in the "Export Related Employment" column indicates a district that would have to import goods from either another district or from outside the state in order to satisfy demand.

FOOD & KINDRED PRODUCTS 1984: Some Comparative Measures

Area	LQ	Area Industry Employment	Base Employment	Export Related Employment	Export as % of Area Ind Empl
Oregon	1.42	24,063	16,946	7,117	29.6
District 1	2.24	1,360	607	753	55.4
District 2	.87	7,198	8,274	-1,076	-14.9
District 3	3.25	5,672	1,745	3,927	69.2
District 4	1.30	1,135	873	262	23.1
District 5	1.01	1,602	1,586	16	1.0
District 6	.34	177	521	-344	-194.4
District 7	1.43	551	385	166	30.1
District 8	.42	416	990	-574	-138.0
District 9	1.26	312	248	64	20.5
District 10	.25	127	508	-381	-300.0
District 11	.39	138	354	-216	-156.5
District 12	8.74	3,785	433	3,352	88.6
District 13	.27	62	230	-168	-271.0
District 14	7.53	1,495	199	1,296	86.7

NOTE: Detail may not add to total due to rounding

In Food & Kindred Products, cannery activity in Districts 1, 3, 12, and 14 accounts for the high LQs. In District 1, Meat & Dairy Products together make up about 28 percent of the employment in this industry group. Seafood canning and processing, especially in Lincoln and Clatsop counties, account for much of the Misc Foods & Kindred Products employment (63% of the industry group total) in this district. In District 3 (84%), District 12 (95%), and District 14 (70%), Preserved Fruits & Vegetables account for most of the employment in Food & Kindred Products, with Sugar & Confectionery Products also supplying 28 percent of the Food & Kindred Products employment in District 14.

The relatively high LQ in District 1 for Food Stores (1.57) reflects in part the effect of North Coast tourism; areas that

FOOD STORES 1984: Some Comparative Measures

Area	LQ	Area Industry Employment	Base Employment	Export Related Employment	Export as % of Area Ind Empl
Oregon	.99	27,862	28,143	-281	-1.0
District 1	1.57	1,578	1,005	573	36.3
District 2	.88	12,009	13,647	-1,638	-13.6
District 3	1.00	2,906	2,906	0	0
District 4	.90	1,300	1,444	-144	-11.1
District 5	1.11	2,522	2,272	250	9.9
District 6	1.05	895	852	43	4.8
District 7	1.27	812	639	173	21.3
District 8	1.19	1,946	1,635	311	16.0
District 9	.97	400	412	-12	-3.0
District 10	1.27	1,048	825	223	21.3
District 11	1.04	596	573	23	3.9
District 12	.93	668	718	-50	-7.5
District 13	1.12	427	381	46	10.8
District 14	1.12	371	331	40	10.8

NOTE: Detail may not add to total due to rounding

attract more travelers will also feed more than just the local residents. This trend may also be seen in two other vacation areas: Districts 7 and 10, offering the coast and the mountains respectively.

PRIMARY METAL INDUSTRIES 1984: Some Comparative Measures

Area	LQ	Area Industry Employment	Base Employment	Export Related Employment	Export as % of Area Ind Empl
Oregon	1.00	9,015	9,015	0	0
District 2	1.33	5,872	4,415	1,457	24.8
District 3	.58	549	947	-398	-72.5
District 4	3.73	1,737	466	1,271	73.2
District 5	.16	137	846	-709	-517.5
District 6	1.14	314	275	39	12.4
District 7	.05	11	220	-209	-1,900.0
District 9	3.25	429	132	297	69.2
District 10	.00	2	2	0	0

NOTE: Detail may not add to total due to rounding

As with Fabricated Metal Products in the next table, the Portland area accounts for the majority of the activity in Primary Metal Industries (65%), with much of this occurring in Iron & Steel Foundries. However, Linn-Benton, with considerably less employment, accounts for almost as much export employment. Activity in this district is concentrated in Primary Nonferrous Metals such as titanium and zirconium. District 9's major employment was in aluminum production; however, a major plant in The Dalles closed in 1985.

**FABRICATED METAL PRODUCTS 1984:
Some Comparative Measures**

Area	LQ	Area Industry Employment	Base Employment	Export Related Employment	Export as % of Area Ind Empl
Oregon	68	10,458	15,379	-4,921	- 47.1
District 1	16	91	569	- 478	- 525.3
District 2	104	7,776	7,477	299	3.8
District 3	68	1,080	1,588	- 508	- 47.0
District 4	22	174	791	- 617	- 354.6
District 5	34	496	1,459	- 963	- 194.2
District 6	22	105	477	- 372	- 354.3
District 7	02	8	406	- 392	-4,900.0
District 8	43	389	905	- 516	- 132.6
District 9	04	11	275	- 264	-2,400.0
District 10	29	130	448	- 318	- 244.6
District 11	45	142	316	- 176	- 123.9
District 12	05	21	420	- 399	-1,900.0
District 13	03	8	267	- 259	-3,237.5

NOTE: Detail may not add to total due to rounding.

As might be expected, District 2 is the only one in which Fabricated Metal Products is an export industry. The Portland area accounts for three-quarters of the employment activity in the state, with most of this employment in Cutlery, Hand Tools & Hardware (SIC 342) and in Fabricated Structural Metal Products (SIC 344).

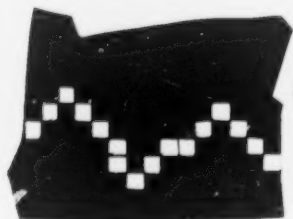
Obviously, development of Oregon's economy must take into account regional differences. (These differences are highlighted in Appendix F.) Well-targeted development activities can help these regions move toward their strengths and stay clear of their weaknesses, while trying to create a more stable economy.

For further information on econometric analysis and export related industries in Oregon contact Duane Ackerson.

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Oregon District Designations





Oregon's Geography and International Trade

Arthur Ayre

Economic Origins

Oregon's economy, from the time of the arrival of Europeans, has centered on its natural resources. Fur-bearing animals were the first of its resources to be exploited by the Europeans. Later, as the Hudson's Bay Company's profits in Oregon dwindled, agriculture and logging expanded. Gold strikes in southwestern and northeastern Oregon brought a small mining industry to the state. Fishing and seafood processing grew as an industry on Oregon's coastal bays and ports. Portland, the major metropolitan center located at the confluence of the Willamette and Columbia rivers, grew as the headquarters of travel and transport on the Columbia and Snake rivers. It also became the center for miners' supplies, for financing, wholesaling, and transporting of wheat, and for commercial activity in Oregon's livestock, wool, salmon, and timber industries.

The establishment of transcontinental rail transportation, much cheaper than overland freight by wagon, opened up the national markets to Oregon's industries and propelled a revolution in agriculture and in the wood products industry. The state experienced rapid growth in exports of raw and semi-manufactured products derived from its forest and agricultural resources. Agriculture became more mechanized, specialized, and quality-conscious as it oriented itself toward the national markets. Lumber and wood products production, as well as furniture manufacturing, grew with the cheaper transportation and the expanded markets offered by the railroads. Oregon's role as a supplier of forest-related products continued to grow as the Great Lakes timber supply became depleted and the opening of the Panama Canal brought the advent of inexpensive ocean transportation to the eastern markets.

As Mainland China's economy grows, Oregon will certainly play a greater role in trade with this most populous of all the world's countries.

One of the first notable deviations from Oregon's natural resource based economy was the creation of Portland's shipyards during the two World Wars. The trade and service sectors also grew as Oregon's population rose. Further diversification occurred with the addition of electrical

machinery manufacturing, primary metals processing, and pulp and paper production. Hydroelectric energy production on the Columbia River brought inexpensive electricity to the region and encouraged the nearby establishment of aluminum factories, which consume huge quantities of electricity in the reduction of imported aluminum oxide. And during the 1970s, Oregon's exporting and importing activities grew rapidly, adding to its economic diversity.

A relatively recent event in Oregon's changing economy has been a concerted effort by the state's government to diversify the economy. While it has sought to attract a variety of "light manufacturing" companies, it has been notably successful in luring high technology companies, resulting in the "Silicon Forest" in the northwestern quarter of the state. Tourism also plays a role in Oregon's economy, and the state is making a name for itself in the production of quality table wines. Other industries into which Oregon has been diversifying include transportation equipment manufacturing, primary and fabricated metals, and printing and publishing.

Location of Industries

The State of Oregon enjoys a truly amazing diversity of climates and land forms, as well as the attendant diversity of economic activity. The coast supports both tourism and fishing, with considerable logging activities in the central and southern coastal counties. Also, deep-water port facilities have been developed at Coos Bay in the south, at Newport on the central coast, and at Astoria in the north.

Further inland, the fertile valley of the Willamette River supports a diversified agriculture. The major centers of Oregon's population are found alongside this river, from Eugene near its southern origin to Portland at its confluence with the Columbia River. These cities grew up around both the rich agricultural resources of the Willamette Valley and the ready-made river transportation route which was used to ship both agricultural and nearby timber resources to distant markets.

Portland, Oregon's largest deep-water port, is located a number of miles inland up the Columbia River. The city is at a strategic location in that it benefits from trade in the valleys of both the Columbia River and the Willamette River. Highways and railroads constructed in these valleys have allowed Portland to become a hub of road and rail transportation and a major West Coast bulk-break point, where

goods are transferred from one form of transportation to another. Portland also boasts Oregon's only international jetport. With all these advantages, Portland has become, by far, the largest metropolitan area and the largest-volume port in Oregon.

In both the Coastal Mountains and the foothills of the Cascades, logging is a major activity and, in many communities, the basis of the local economy. East of the Cascades, a drier climate favors ranching, irrigated farming, large wheat and potato fields, and some logging. The accompanying map outlines the major regions of activity for selected industries. Keep in mind that, while employment in the industry tends to be greater in the outlined region than elsewhere, the industry is not necessarily the primary employer in the region. For example, the Willamette Valley, which stretches southward from Portland, is known for its agricultural products. However, agriculture is sufficiently automated to account for only a small proportion of the valley's fairly urbanized population.



Impact on Employment

The effects of Oregon's geography on its economy and employment are manifold. The reliance of much of the state's economy on natural resources production creates distinct seasonality in employment. Lumber and wood employment is greater in the summer and fall than it is during winter and spring, when forests are wet and roads are muddy or icy. Agricultural employment peaks in mid-summer and reaches its yearly low in midwinter, as would be expected. Food canning and preserving operations in the Willamette Valley reach their peak in the summer and fall, during harvest. Those in Eastern Oregon reach their low point during early summer and peak with the somewhat later fall harvest. The seasonality in this industry is decreasing as modern technology improves food preserving techniques and efficiency.

Lumber and wood products comprise a large portion of Oregon's economy, and this industry accounts for over 30 percent of Oregon's nonagricultural wage and salary manufacturing employees. Specialization in lumber and wood

products during the nation's rapid growth in the 1970s made Oregon the number one supplier of lumber and wood products for the nation. However, market competition in the form of increased production in the southeastern United States and increased imports from western Canada caused a substantial loss of market share and a decline in the profits in Oregon's lumber and wood products industry during the early 1980s. In addition, the 1980s brought higher real interest (and mortgage) rates which inhibited the building of houses, and higher foreign exchange values of the dollar which inhibited exports of lumber and wood products. The industry suffered high rates of unemployment in Oregon during the early 1980s.

The recognition of this vulnerability to vicissitudes in one market has prompted an effort to diversify the state's economic base. Nevertheless, it is likely that Oregon will remain a key player in the lumber and wood products market, because long-range forecasts show a decline in production in both Canada and the southeast U.S. And, because real interest rates appear to be moderating and the value of the dollar has recently declined, Oregon's leaner, more automated lumber and wood products industry may at last see some improvement. However, employment in the lumber and wood products industry is unlikely to return to its prior peak level, despite near record production levels. Automation has greatly reduced the industry's need for wood milling equipment operators and the highly competitive market has severely reduced wages.

Agriculture also comprises a large part of Oregon's economy, and has shared in the nationwide depression in this industry, although its direct employment is much smaller than that of lumber and wood products. The natural resource based economy of Oregon has suffered in recent years primarily due to the glut of natural resources on worldwide markets. This glut has been caused, in large part, by overexpansion of productive capacity in response to the strong growth trend of the 1960s and 1970s. In addition, many third world economies borrowed heavily during the 1970s to build the infrastructure and industry which was seen as the prerequisite of economic development. By the 1980s, many of these countries had established sufficient productive capacity to materially affect the total world production of many basic products. Their efforts to repay their huge foreign debts resulted, naturally, in increased production and exporting of their principal products, which in many cases are raw materials and natural resources. At the same time, new technology has altered the demand for resources, to the disadvantage of producers of some raw materials. One particularly salient example is the increased use of metal two-by-fours in building construction.

Tourism, also an important part of Oregon's economy, involves strong seasonality. With many miles of beautiful beaches, numerous quaint towns, mountains, lakes, rivers, trails, parks, refreshing scenery, and abundant summer sunshine, Oregon draws tourists from around the western United States. Tourism in Oregon peaks in summer and contributes to employment in many industries, such as amusement and recreation services, restaurants, hotels and motels, service stations, and auto repair shops.

International Trade

Oregon is located at a considerable distance from the bulk of the nation's population. With over 2,000 road miles between it and the largest commercial markets in the U.S., transport costs reduce the competitive position of many of Oregon's products in the American marketplace. However, many of the bulky agricultural and forest products produced in Oregon can be transported inexpensively by ship.

The Jones Act of 1916, which prohibits shipment of goods from one American port to another via a foreign vessel (in order to protect American shipping interests), has been blamed for making shipping to other American ports more expensive and less profitable than shipping to foreign countries. Indeed, it is said to be cheaper to ship something to Australia or Europe than to Denver. And, no doubt, many goods can be imported more profitably from foreign nations than purchased from many U.S. manufacturers. This law, in combination with Oregon's substantial overland distance from the nation's more highly populated regions, has prompted Oregon to concentrate on trade with foreign nations, particularly Pacific Rim nations. The extra foreign trade attributable to the Jones Act benefits Oregon's port activities, even while detracting from her stateside trade.

Oregon's location on the Pacific Rim and its excellent port facilities make it one of America's natural windows to the Orient. As Mainland China's economy grows and becomes more involved in international trade, Oregon will certainly play a greater role in trade with this most populous of all the world's countries. The following table lists Oregon's leading trading partners by total dollar trade volume for 1984.

OREGON'S INTERNATIONAL TRADE IN 1984

(in millions)

Country	Oregon Exports	Oregon Imports	Total
Japan	\$2,050	\$2,184	\$4,235
Republic of Korea	487	179	666
Taiwan	306	172	478
Australia	104	215	319
West Germany	11	207	218
Philippines	141	68	209
China	107	17	124
Indonesia	113	10	123
Bangladesh	108	3	111
Egypt	107	1	108
Malaysia	20	70	91
Hong Kong	46	40	86
Sweden	5	80	85
United Kingdom	24	53	77
Canada	24	47	71
Italy	46	21	69
Netherlands	27	37	65
France	10	43	53
India	33	2	35
Jamaica	0	34	34
Other Countries	342	146	489
TOTAL	\$4,117	\$3,628	\$7,745

NOTE: Exports plus imports may not add exactly to totals due to rounding.
SOURCE: U.S. Department of Commerce

During the 1970s, Oregon's trade activity grew considerably. In addition to becoming a major import center for Japanese automobiles entering the U.S., the state's port facilities increased their exports of the region's agricultural, timber, and manufactured products to Pacific Rim nations. Oregon is a bulk-break point, where goods are transferred from one means of transport to another, often from ship to truck or railroad, or vice versa. Of course, many of these goods originate from or are destined for other states. For example, a considerable amount of the wheat which Oregon exports originates in Washington. Also, many of Oregon's automobile, footwear, tractor, and other imports continue on by rail or truck to markets in other states. Therefore, some of Oregon's growth in imports and exports results from changes in regional or even national trade patterns rather than from growth in the state's economy. Nevertheless, the increased international trade activity has helped Oregon's ports. The graph (below) shows growth (and decline during the 1981-1982 recession) of imports from and exports to foreign countries through Oregon's customs district between 1950 and 1984.

OREGON CUSTOMS DISTRICT TRADE

(in Billions of 1967 Dollars)



Source: U.S. Department of Commerce

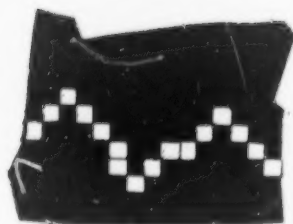
Oregon's Economic Future

Oregon's diverse geography and high quality of life promise to nurture a much broader, more stable economy and greater employment opportunity. In addition, the growing economies of the Pacific Rim nations should boost trade through Oregon and should increase the market base for the state's industries. Overall, Oregon looks forward to growing as a major West Coast bulk-break point, a supplier of high quality forest and agricultural products, a center of advanced technologies and research, a destination for outdoor recreation, and an exceptionally livable state.

For further information on geography's impact on trade in Oregon contact Arthur Ayre

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Trends in Real Earnings

Arthur Ayre

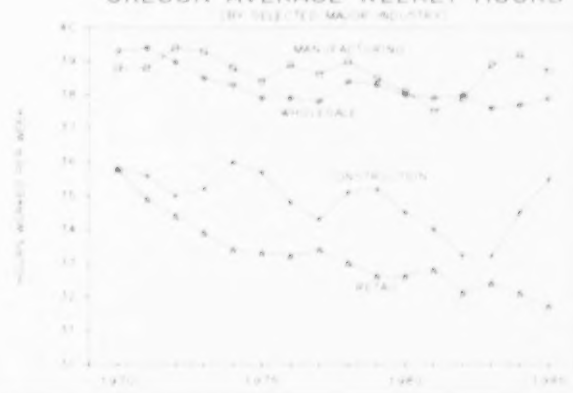
For as long as most of us can remember, both prices and wages have been increasing at sometimes faster and sometimes slower rates. The constant changes usually confound our attempts to determine if we are better or worse off than we were a year or a decade earlier. In order to create a basis for comparison, we must calculate income and expenses in constant dollars. We have used this operation to adjust Oregon's average hourly earnings in several major industries over the past fifteen years. Analysis of the results reveals some fascinating changes in the economy.

Real per capita personal income began to fall as inflation reached high levels and continued falling as unemployment rose.

The graph below shows that, in 1985 dollars, the hourly earnings in selected Oregon industries have either remained almost even, as in the manufacturing sector and the wholesale trade industry, or have declined, as in construction and retail trade. While it is likely that there are several causes for the decline in real earnings, one possible explanation is the expanding supply of labor as the "baby boomers" entered the job market, and as women took a more active part in work outside the home. Also, certain

industries such as construction, sawmills, and electronic components have encountered other economic factors which have brought about a restructuring of their workers' real earnings. On the graph, the small hills and valleys in real hourly earnings correspond with changes in the rate of inflation.

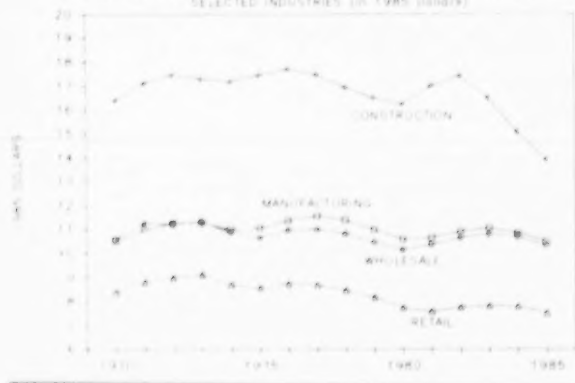
OREGON AVERAGE WEEKLY HOURS



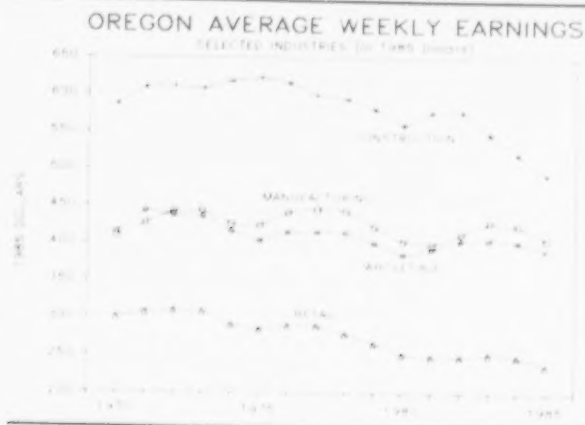
The average number of hours worked per week in these industries has also generally declined between 1970 and 1985, especially in the retail trade industry. The severity of the trend toward a shorter workweek in retail trade is due partly to the strong increase in both the number and the percent of females in the labor force, many of whom work part-time or retail or service companies. During the past 15 years, the portion of Oregon's female population in the civilian labor force rose from 42.0 percent to 50.3 percent, and females as a percent of the total civilian labor force rose from 39.6 percent to 44.1 percent. In addition, it is well known that many companies, particularly in the retail trade industry, have found it advantageous to employ a larger staff of part-time workers who do not receive full-time benefits. The accompanying graph shows the general decline and, in some cases, the recent rise in average weekly hours worked for selected Oregon industries.

Because real average hourly earnings have declined in several industries and average hours worked per week have also tended to decline, the real average weekly earnings have combined these downward trends. Retail trade workers have seen the largest percent drop in

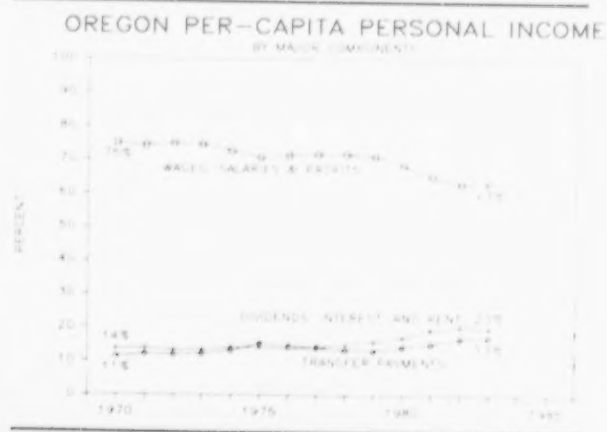
OREGON AVERAGE HOURLY EARNINGS
SELECTED INDUSTRIES (IN 1985 DOLLARS)



real weekly earnings. Construction workers have also experienced a considerable erosion in real earnings. The accompanying graph portrays the general decline in real average weekly earnings for selected Oregon industries.



Although average earnings have generally declined, the real annual income on a per person basis (real per capita personal income, or PCPI) has fared somewhat better. This is due partly to an increase in the portion of Oregon's population which is in the work force. Having a higher percentage of the population earning a wage or salary raises per capita income even if wages and salaries drop modestly. The percentage of Oregon's age 16 and older population which is in the labor force rose from 59.3 percent in 1970 to 64.7 percent in 1985, and reached a peak of 66.6 percent in 1983.



The accompanying graph plots real U.S. and Oregon per capita personal income. The reader will note that real PCPI began to fall as inflation reached high levels and continued falling as unemployment rose. The troughs in real PCPI in 1975 and 1982 correspond with peak levels of unemployment, while the peaks in 1973 and 1978 match low levels of unemployment. A graph of Oregon's inflation and unemployment follows the real PCPI graph for examination of this relationship.

The components of Oregon's PCPI have been shifting over the past fifteen years. In 1970, fully three-quarters of

REAL PER CAPITA PERSONAL INCOME



the PCPI came on the form of wages, salaries, or profits in a business. By 1985, this component accounted for less than two-thirds of PCPI. Over this same period, dividends, interest, and rent rose from 14 percent of PCPI to 20 percent. Transfer payments, such as social security, unemployment compensation and social assistance programs, also rose as a percent of PCPI from 11 percent to 17 percent. These changes should cause real PCPI to be less influenced by fluctuations in real hourly and weekly earnings and in unemployment rates. The graph below shows the shift in the components of Oregon's real PCPI.

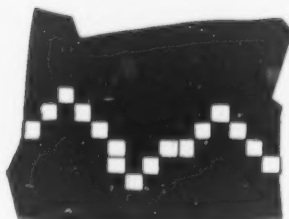
OREGON INFLATION & UNEMPLOYMENT



Oregon's outlook for future changes in real earnings and income are not at all clear. However, with the expected continuing moderate levels of inflation, real wages and income should maintain some stability. Also, because the "baby boomers" have already reached working age and their children are still very young, we are entering a period in which fewer new workers will be entering the work force. The resulting drop in labor supply should support real income levels, unless there is a drop in the percentage of the population in the labor force or an increase in the unemployment rate.

For further information on hours and earnings in Oregon contact Graham Slater or Jason Yohannan.

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Oregon's Occupational Trends

Dwayne Stevenson

Economic forces that have shaped and will shape Oregon's industries also impact the demand for workers in each occupation. Oregon's mix of occupations has responded to changing technology as well as variations in demand for industrial production. Thus, occupations react differently to changes in the economic environment. Although Oregon's wage and salary employment is expected to grow about 17 percent from 1983 to 1991, actual growth rates for major occupational groups range from nearly 21 percent for craft workers to a loss of 13 percent for nonseasonal farm workers.

Growth, though, is not the major source of new job openings. As individuals retire or otherwise leave the labor force, their positions become available. These labor force replacement openings represent nearly two-thirds of all new openings; the other third comes from growth. Together these two sources of openings (listed by occupation in Appendix D) make up about 5 percent of all openings.

Most (79%) openings, however, are a result of turnover — persons voluntarily changing jobs, but staying in the labor force — while another 16 percent are rehires of individuals laid off within the last year.

These four components of openings do not affect all occupations equally. Those occupations which are seasonal or which experience off-again on-again funding have larger rehire components than average. Others reflect lower pay, poor working conditions, or variations in job site by higher turnover. Still, for all occupations, growth is the smallest component of openings.

Whatever the trend — growth, decline, recovery — an important part of planning is the analysis of occupational shifts.

As for who fills all these openings, the chart shows that the employed persons changing jobs (turnover) both create and obtain most of them. Other openings are filled by entrants to the labor force and by the unemployed.

Labor force entrants come from two sources — new entrants and re-entrants. New entrants are usually completers of various educational programs. As a result the

occupations they are likely to impact are a direct result of their training. (Completer data by training program is available through the Employment Division.) New entrants are usually targeted at the labor force replacement and growth openings. However, it is believed that many find employment as the result of openings created by turnover.

Re-entrants are those who have worked or sought work at one time and are doing so again after a period of absence from the labor force. Parents who return to the labor force after rearing children would be included in re-entrants.

COMPONENTS OF OPENINGS FOR SELECTED OCCUPATIONS

	Turnover	Rehires	Labor Force Replacement	Growth
Cannery Worker	69.81%	28.81%	1.32%	0.07%
Electrical/Electronic Tech	76.72	13.00	2.29	8.00
Faller &/or Buckler	81.78	16.89	0.08	1.24
Nurse Professional	72.88	17.11	7.88	2.14
Police Patrol Officer	69.15	26.20	3.52	1.08
Waiter or Waitress	87.69	9.18	1.86	1.27
All Occupations	78.64	15.80	3.34	2.02

The major source of workers for rehires is the unemployed. However, most unemployed persons appear to gain work through turnover openings. Comparison of the unemployment rates for a few occupations with their openings components shows this. Two of three occupations with above average unemployment rates have above average turnover components. The other, cannery worker, has strong seasonality, and thus, a high rehire component.

In looking at unemployment, one should keep in mind that the number of unemployed is usually not a good indicator of occupational well-being. Better measures which consider unemployment are the unemployment rate and the ratio of unemployed to new openings (U/O). The unemployment rate compares the size of an occupations unemployment to the size of its labor force (employed + unemployed). U/O shows the average number of unemployed persons waiting in line for each new opening.

1984 UNEMPLOYMENT INDICATORS FOR SELECTED OCCUPATIONS

	Unemployment Rate	U/O	Estimated Unemployed
Cannery Worker	21.94	10.81	1,644
Electrical/Electronic Tech	5.96	1.30	288
Faller &/or Bucker	29.43	20.43	940
Nurse Professional	1.34	26	212
Police Patrol Officer	5.38	2.64	140
Waiter or Waitress	14.70	3.16	3,303
All Occupations	11.06	2.29	125,127

Examining the unemployment indicators chart, we see that waiter or waitress has more than three times as many unemployed as faller &/or bucker. However, its unemployment rate is half that of faller &/or bucker, and with a U/O of 3.16, competition for waiter or waitress jobs is far below that for faller &/or bucker jobs (U/O of 20.43). Other comparisons of occupational unemployment indicators show that this larger perspective gives a broader understanding of each occupation.

In addition, analyzing occupational employment trends can improve industrial and economic development plans. Appendices C and D show employment by occupation for 1979 to 1983 and 1983 to 1991 respectively; a condensed table appears here. The last two columns are titled change rather than growth. The reason is that the change from 1983 to 1991, even though it is positive, may not be growth at all. In three instances — craft workers, operatives, and laborers — the change is recovery from the 1982 recession and only partial recovery at that. Some occupations may never regain prior employment levels; others have yet to establish their all-time highs. Whatever the trend — growth, decline, recovery — an important part of planning is the analysis of occupational shifts.

Professional & Technical

Most occupations in this group require training beyond high school in special areas such as science, engineering, medicine, education, and law. Sizable demand exists; employment for professional workers is larger than for any other group except clerical workers. Nearly 80 percent of all professional workers are employed in services and government. This is not so surprising when one notes that teachers represent 30 percent of professional employment. They are found almost exclusively in educational services. Durable goods manufacturing has been steadily increasing its demand for professional workers, primarily engineers and technicians.

Overall, professional & technical workers are projected to grow more during 1979-1991 than any other occupational group. However, their impact from 1983 to 1991 appears to be less as other occupations recover from the severe losses of the recession. Still, these workers have experienced an increase in their share of total employment from 14.4 percent in 1979 to 16.1 percent in 1991. Greater reliance on workers with post high school education seems to be here to stay.

Managers & Officers

Managerial jobs, while appearing across all industries, appear to be somewhat concentrated in trade, finance, insurance, real estate, and government. These industries employ about 38 percent of all workers, but nearly 53 percent of managers. Services and manufacturing employ smaller ratios of managers than other industries. The high percentage of professional workers in services probably lowers the number of managers needed there. Manufacturing's developed production techniques demand fewer managers but more supervisors (see Craft Workers).

Growth for managers is above average, mainly because of their higher concentration in some industries with higher growth. As a result, their share of total employment is projected to steadily increase from 8.31 percent in 1979 to 9.37 percent in 1991.

Sales Workers

Four occupations represent 95 percent of the employment among sales workers — sales representative, sales clerk, real estate sales agent, and insurance sales agent. Therefore, to find 88 percent of sales workers employed in trade and finance, insurance, and real estate is not surprising. The workweek for workers in trade has been steadily declining from 38.1 hours in 1960 to 33.7 hours in 1985. In fact, if their workweek were still at 1979's level (34.6 hours), 1985 employment in trade would be 252,100. (Actual 1985 trade employment equaled 258,800.) This would be a loss of 4,700 from 1979 employment of 256,800. Put differently, the increase in employment lacks substance, as the real economic impact of this sector is literally growing smaller.

Sales workers' share of employment has been increasing as more part-time workers replace full-time workers. This trend is expected to continue as their share of employment increases to 8 percent in 1991 from 7.23 percent in 1979.

Clerical Workers

Clerical workers have a greater than average percentage of employment in transportation, communications, and utilities; finance, insurance, and real estate; and government. These three industry sectors represent 20.36 percent of employment, while employing 34.56 percent of all clerical workers. This is reflected in such occupations as postal mail carrier, teller, and bookkeeper. These sectors, however, are expected to show a smaller percent of employment by 1991. This, along with technological change, is contributing to decline or lack of growth in several clerical occupations (teller, keypunch/data entry operator, bookkeeper, and stenographer).

Because of this, clerical workers are the group most likely not to achieve their predicted growth rate of 15.01 percent from 1983 to 1991. Their share of total employment appears to have stabilized around 20 percent.

Craft Workers

Craft workers include such skilled occupational areas as construction, printing, mechanical, and metal trades in addition to supervisors. More than 40 percent of craft workers are employed in construction and durable goods manufacturing. With the continued recovery of the construction industry, 1991 employment of craft workers is projected to be nearly 21,500 — an increase of 54 percent. This increase represents more than a third of all growth openings for craft workers. Some skilled occupations however are not so heavily impacted by the strong business cycle swings of construction and durable goods. Supervisors, for instance are found across all industries, and nearly two-thirds of auto mechanics are employed in automotive trade and automotive repair services.

While craft workers are projected to have the highest rate of change between 1983 and 1991, their share of employment will have dropped to 10.51 percent in 1991 from 12.08 percent in 1979. Much of this is due to changes in technology and unsustainable levels of construction activity in the late 1970s.

Operatives

Operatives are semiskilled production workers including industrial machinery and transportation equipment operators. Not surprisingly, more than two-thirds of all operatives are employed in manufacturing, transportation, and wholesale trade. Thirty-one percent of operatives are transportation equipment operators involved in the distribution of people, goods, and services. Employment for occupations involved with machine trades and operation has recently been declining. This trend may continue, making it harder for workers in these occupations to obtain jobs. In addition, projected employment levels may not be reached. Cannery worker is another occupation encountering some change. As freeze-repack production becomes more prevalent, this occupation is becoming less seasonal.

As a group, operatives are not expected to regain their 1979 employment by 1991. This partial recovery, along with structural and technological change, contributes to a declining share of employment for operatives.

Service Workers

Cleaning, food, personal, health, and protective service workers are included in this group. Retail trade and services account for 39 and 48 percent, respectively, of all service worker employment. Ninety-six percent of the service workers in retail trade are food service workers, employed primarily in the restaurant sector. In the service industry, service workers represent less than 25 percent of employment. Service workers, however, are concentrated in some key areas here. Ninety-two percent of health service workers are found in health services. Other important industries for service workers are lodging services, business services, and educational services.

Because of the large employment in trade, service workers may encounter some of the same shift to part-time work that sales workers are. If so, the apparent recovery and growth between 1979 and 1991 may lack substance. Their share of employment is expected to remain just below 16 percent.

Laborers

Laborers are concentrated in agriculture, construction, lumber and wood products, and trade. With all the logging workers and various sawmill laborers, lumber and wood products accounts for 29 percent of all laborers. An additional 25 percent work in warehousing and stocking functions in trade. Construction helpers, however, are the laborers which are projected to see the fastest change as their industry recovers from the recession. They are projected to "grow" by 52 percent, while all laborers will increase by 14 percent from 1983 to 1991.

OCCUPATIONAL SHIFTS IN OREGON 1979-1991

	1979		1983		1991		Change 1979-1991		Change 1983-1991	
	%	Employment	%	Employment	%	Employment	%	Employment	%	Employment
Professional & Technical	14.40	154,410	16.38	161,628	16.13	185,553	20.17	31,143	14.80	23,925
Managers & Officers	8.31	89,100	9.22	90,938	9.37	107,716	20.89	18,616	18.45	16,778
Sales Workers	7.23	77,530	7.83	77,215	8.00	91,970	18.63	14,440	19.11	14,755
Clerical Workers	19.62	210,300	20.35	200,762	20.08	230,887	9.79	20,587	15.01	30,125
Craft Workers	12.08	129,470	10.15	100,196	10.51	120,859	-6.65	-8,611	20.62	20,663
Operatives	14.77	158,430	13.23	130,541	13.37	153,790	-2.93	-4,640	17.81	23,249
Service Workers	15.60	167,280	15.54	153,313	15.72	180,797	8.08	13,517	17.93	27,484
Laborers	7.17	76,890	5.93	58,521	5.80	66,715	-13.23	-10,175	14.00	8,194
Farm Workers	0.83	8,900	1.38	13,583	1.03	11,794	32.52	2,894	-13.17	-1,789
TOTAL	100.00	1,072,310	100.00	988,897	100.00	1,150,081	7.25	77,771	16.56	163,384

NOTE: Detail may not add to total due to rounding.

Recovery is important to these workers as the unemployment rate for this group is higher than for any other. As automation impacts industrial production and warehousing more, demand for some laborers will decrease. Thus 1991 employment is projected to be some 10,000 less than 1979's — a loss of more than 13 percent.

Farm Workers

Because of the highly seasonal and migratory nature of farm work, only those farm workers employed in Oregon

for 150 days or more are counted. They make up about one percent of total employment. Projected nonseasonal farm employment is 11,000, but actual trends may differ due to the utilization of temporary versus permanent farm workers. Whatever, overall impact to total employment is relatively small.

For further information on occupational trends in Oregon contact Dave Allen or Dwayne Stevenson

Employment Division — R & S
875 Union NE
Salem OR 97311
(503) 378-6400
or
(503) 378-8651

Industry Profiles: Introduction

Dwayne Stevenson

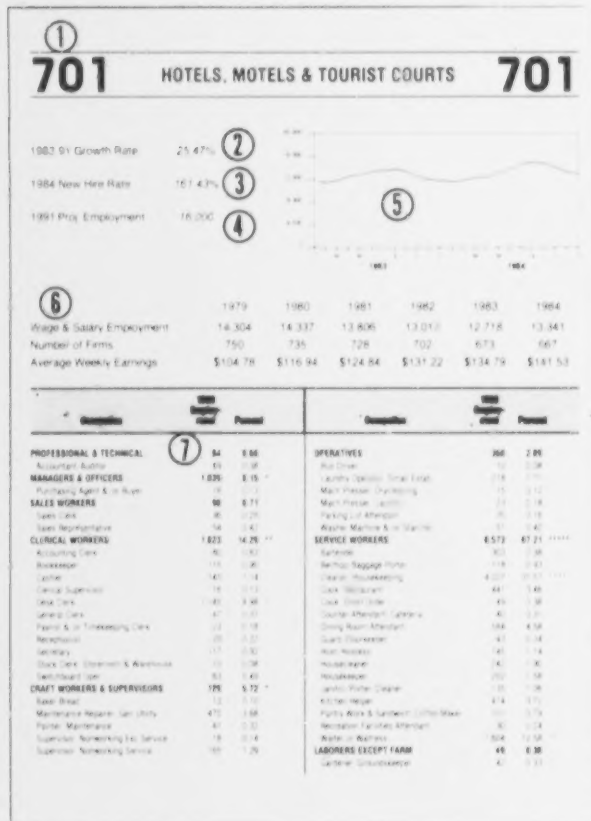
Profiles of nearly 300 industries as defined by the Standard Industrial Classification (SIC) Manual are included here. They are divided into major industry divisions as shown and listed in sequential order by their SIC code. Data are published at the 3-digit SIC level.

011-091	Agriculture, Forestry, & Fishing
142-144	Mining
152-179	Construction
201-399	Manufacturing
401-497	Transportation, Communications, & Utilities (TCU)
501-519	Wholesale Trade
521-599	Retail Trade
602-671	Finance, Insurance, & Real Estate (FIRE)
701-893	Services
911-991	Public Administration

Some Oregon industries are not listed due to confidentiality. The configuration of others differs from the SIC manual. Agricultural Production (011) includes only non-seasonal (covered by unemployment insurance — UI) employees in the 2-digit SICs 01 and 02. Most federal government employment is shown under SIC 991. Only the Postal Service (431), the Veterans' Administration (VA) domiciliary in Jackson County (805), the VA hospitals in Douglas and Multnomah counties (806), the Army Corps of Engineers (891), and the military (971) are included elsewhere.

The information on each industry comes from a variety of sources. The industry title and code at the top (Item 1) are from the SIC manual. Below, Item 2 is the projected employment growth rate of the industry. The average growth rate for all industries is about 17 percent. Items 3 and 4 are not attempts to predict the economy's point in the business cycle, but a midpoint between expansionary and recessionary points.

The new hires in Item 3 include hires due to turnover, growth, and labor force replacement (such as retirement). It does not include rehires or internal transfers and promotions. These new hires for all firms within an industry are compared to their total average annual employment to derive a ratio. This new hire rate is a primary indicator of the cost of employment turnover. Integral to analysis of such costs are cost of training, wage levels, UI tax rates, and productivity. The average new hire rate for all Oregon firms is about 90 percent; nationally, it is about 100 percent.



Item 5 is a graph of monthly employment over two years. The primary intent of this graph is to show any seasonality that may exist. In addition, it may show growth or decline of employment in the industry.

A much better picture of long-term employment change is provided in Item 6, wage and salary employment. Item 6 also shows the variation in number of firms and average weekly earnings. The data in Items 5 and 6 only include UI-covered employees (except for SIC 401). In general, this includes all workers. However, substantial numbers of non-covered workers exist in certain SICs. (The major SICs are 631, 632, 653, 821, 822, 835, and 913.) Non-covered workers in these industries are included in Items 2, 4 and 7, but not in Items 3, 5, and 6.

Item 7 shows the occupational staffing pattern of the industry. Nine — eight are shown here — major occupational categories are listed in bold type. Detail occupations with employment of 10 or more are listed below each appropriate major category. The first column lists the occupational title. Next, is the occupation's 1983 estimated wage and salary employment. The third column shows the occupation's percent of total employment. Following this occasionally are some asterisks. These are a quick indicator of the relative dominance of this occupation in the industry based on the percent of total employment (see chart). For those occupations which have one or more asterisks, Appendix G provides definitions.

Percent	Asterisks
At least 5%, but less than 10%	*
At least 10%, but less than 20%	**
At least 20%, but less than 30%	***
At least 30%, but less than 40%	****
Greater than 40%	*****

If asterisks appear in Item 6, the data are either unavailable or confidential. Elsewhere unavailable data are designated N.A. for not available.

Questions regarding these industry profiles should be directed to:

Employment Division — R & S
875 Union NE
Salem OR 97311
(503) 378-8651

Agriculture, Forestry, & Fishing

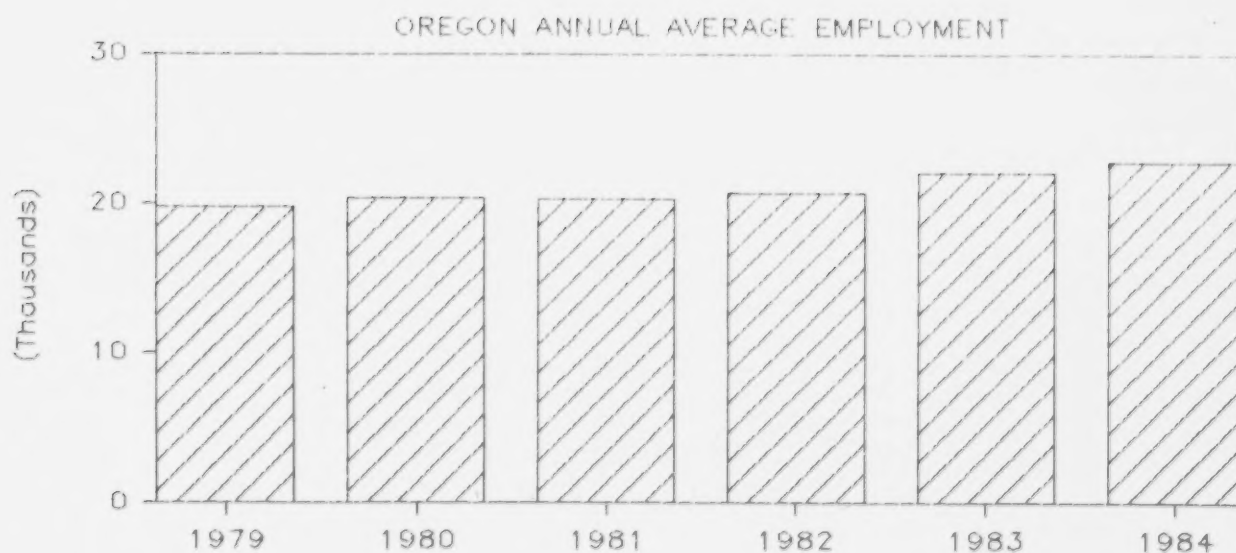
This division includes establishments primarily engaged in agricultural production, forestry, commercial fishing, hunting and trapping, and related services.

The classification of agricultural production (011) covers establishments primarily engaged in the production of crops, plants, vines, or trees; and the keeping, grazing, or feeding of livestock.

The classification of agricultural services (07) includes establishments primarily engaged in supplying soil preparation services, crop services, landscape and horticultural services, veterinary and other animal services, and farm labor and management services.

The classification of forestry (08) covers establishments primarily engaged in the operation of timber tracts, tree farms, forest nurseries, the gathering of forest products, or in performing forestry services.

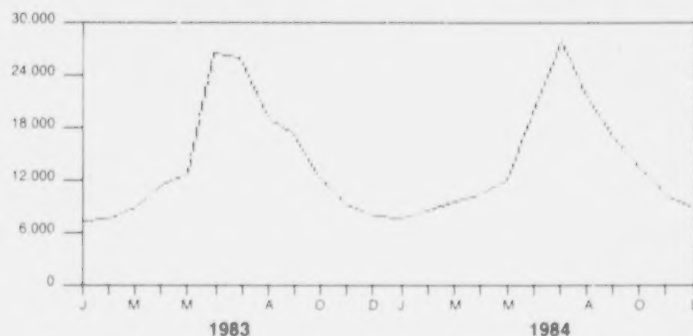
The classification of fishing, hunting, and trapping (09) covers establishments primarily engaged in commercial fishing; operating fish hatcheries, and fish and game preserves; and commercial hunting and trapping.



1983-91 Growth Rate ... -20.20%

1984 New Hire Rate ... 277.66%

1991 Proj. Employment ... 11,400



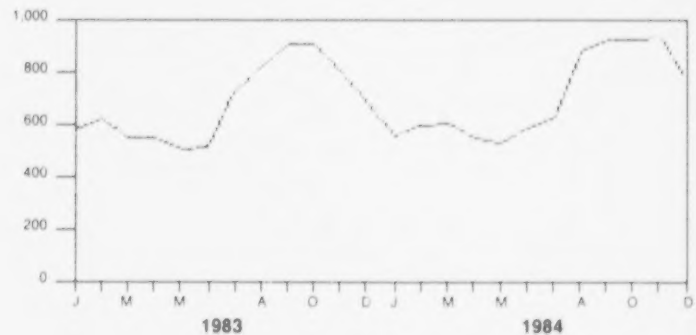
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	12,019	12,679	12,688	13,345	14,259	14,270
Number of Firms	545	575	643	697	752	787
Average Weekly Earnings	\$133.47	\$146.44	\$164.55	\$165.96	\$168.34	\$177.29

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	1,061	7.43 *	FARM WORKERS (cont.)		
CRAFT WORKERS & SUPERVISORS ..	1,629	11.40 **	Fruit & Nut Crop Worker	995	6.96 *
Farm Equipment Mechanic	760	5.32 *	Irrigation Worker	975	6.82 *
Supervisor, Nonworking Exc Service	869	6.08 *	Livestock Handler	1,541	10.79 **
FARM WORKERS	11,596	81.17 *****	Nursery or Greenhouse Worker	1,296	9.07 *
Dairy Worker	922	6.45 *	Poultry Worker	387	2.71
Farm Equipment Operator	2,592	18.14 **	Pruner, Trees/Vines/Canes	207	1.45
Field Crop Worker	571	4.00	Vegetable Crop Worker	311	2.18

1983-91 Growth Rate . . . 15.82%

1984 New Hire Rate . . . 177.94%

1991 Proj. Employment . . . 798



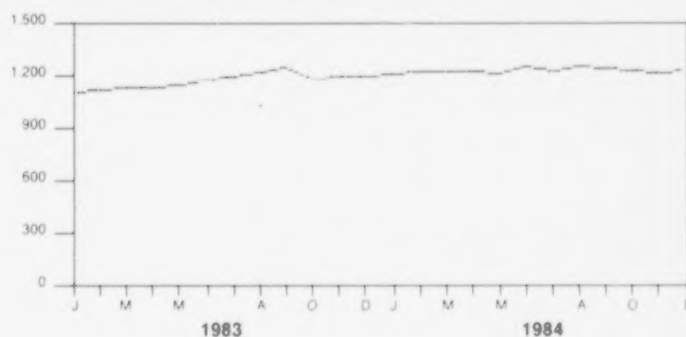
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	571	456	583	629	687	713
Number of Firms	82	79	82	85	93	92
Average Weekly Earnings	\$200.19	\$213.80	\$221.47	\$227.42	\$227.51	\$241.21

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	25	3.58	OPERATIVES	312	44.70 **** *
Airplane Pilot	21	3.01	Cannery Worker	135	19.34 **
MANAGERS & OFFICERS	78	11.17 **	Production Packager	69	9.89 *
CLERICAL WORKERS	100	14.33 **	Truck Driver	38	5.44 *
Bookkeeper	45	6.45 *	Washer &/or Separator, Food	17	2.44
Receptionist	13	1.86	LABORERS EXCEPT FARM	43	6.16 *
Secretary	16	2.29	Airplane Pilot Helper	26	3.72
Shipping & Receiving Clerk	11	1.58	FARM WORKERS	71	10.17 **
CRAFT WORKERS & SUPERVISORS	65	9.31 *	Farm Equipment Operator	13	1.86
Aircraft Mechanic	20	2.87	Field Crop Worker	48	6.88 *
Maintenance Mechanic	13	1.86	Pruner, Trees/Vines/Canes	10	1.43

1983-91 Growth Rate ... 40.28%

1984 New Hire Rate ... 93.71%

1991 Proj. Employment ... 1,675



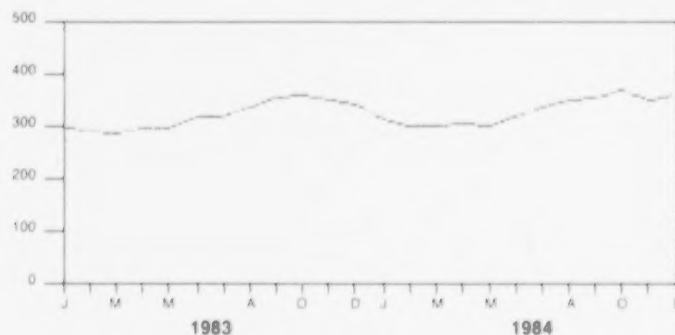
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,009	1,064	1,146	1,159	1,182	1,232
Number of Firms	239	245	255	261	261	268
Average Weekly Earnings	\$160.86	\$174.32	\$187.29	\$197.78	\$203.57	\$202.51

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	369	30.93 ****	SERVICE WORKERS	261	21.88 ***
Lab Technician, Veterinary	144	12.07 **	Janitor/Porter/Cleaner	14	1.17
Veterinarian	220	18.44 **	Veterinary Assistant	247	20.70 ***
MANAGERS & OFFICERS	38	3.19	FARM WORKERS	242	20.28 ***
CLERICAL WORKERS	283	23.72 ***	Animal Caretaker	242	20.28 ***
Bookkeeper	56	4.69			
Receptionist	222	18.61 **			

1983-91 Growth Rate . . . 27.73%

1984 New Hire Rate . . . 176.98%

1991 Proj. Employment . . . 410



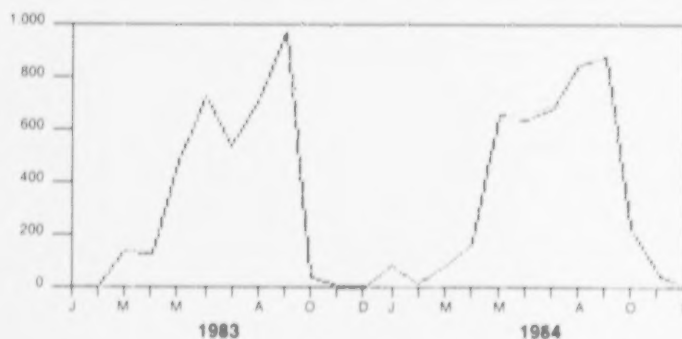
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	308	307	315	297	317	326
Number of Firms	128	122	111	108	106	107
Average Weekly Earnings	\$141.89	\$172.02	\$179.63	\$181.50	\$193.25	\$166.51

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	20	6.15 *	OPERATIVES	88	27.08 ***
Livestock Breeder	12	3.69	Boner Meat	24	7.38 *
MANAGERS & OFFICERS	21	6.46 *	Butcher, All Around	18	5.54 *
SALES WORKERS	11	3.38	Production Packager	19	5.85 *
Sales Representative	11	3.38	SERVICE WORKERS	13	4.00
CLERICAL WORKERS	17	5.23 *	Janitor/Porter/Cleaner	13	4.00
Bookkeeper	13	4.00	LABORERS EXCEPT FARM	16	4.92
CRAFT WORKERS & SUPERVISORS	39	12.00 **	FARM WORKERS	100	30.77 ****
Inspector	32	9.85 *	Animal Caretaker	97	29.85 ***

1983-91 Growth Rate ... 7.14%

1984 New Hire Rate ... 337.08%

1991 Proj. Employment ... 345



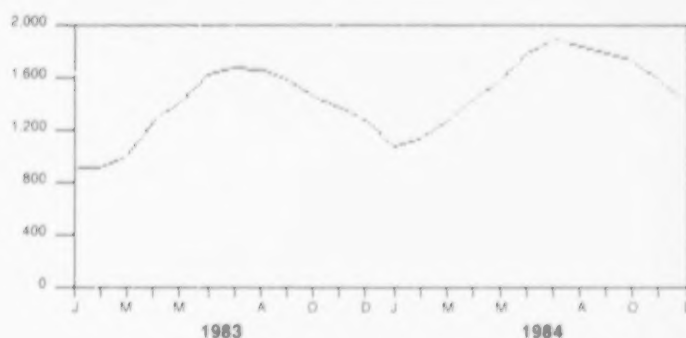
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	180	263	263	360	320	363
Number of Firms	8	10	12	11	12	15
Average Weekly Earnings	\$64.63	\$54.42	\$106.97	\$80.31	\$69.75	\$69.41

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
FARM WORKERS	321	99.69 *****			
Field Crop Worker	285	88.51 *****			
Vegetable Crop Worker	35	10.87 **			

1983-91 Growth Rate ... 44.35%

1984 New Hire Rate ... 211.86%

1991 Proj. Employment ... 1,969



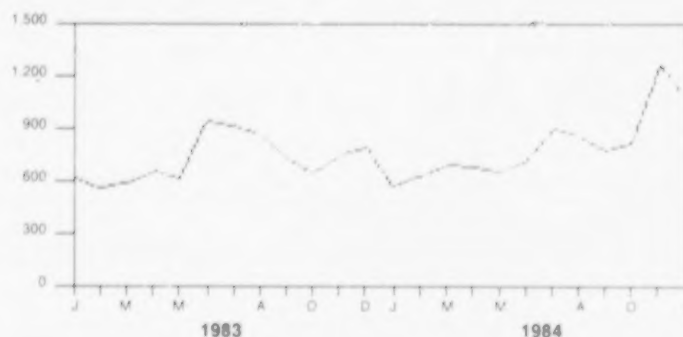
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,639	1,550	1,426	1,253	1,351	1,543
Number of Firms	449	442	447	412	403	410
Average Weekly Earnings	\$179.18	\$203.50	\$214.65	\$222.87	\$232.35	\$235.27

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	95	6.92 *	OPERATIVES	72	5.24 *
Architect, Landscape	27	1.97	Tree Surgeon	13	0.95
Designer	34	2.48	Truck Driver	14	1.02
Drafter	22	1.60	SERVICE WORKERS	40	2.91
MANAGERS & OFFICERS	92	6.70 *	LABORERS EXCEPT FARM	761	55.43 *****
SALES WORKERS	24	1.75	Gardener/Groundskeeper	640	46.61 *****
Sales Representative	24	1.75	Helper, Trades	11	0.80
CLERICAL WORKERS	97	7.06 *	Tree Trimmer	88	6.41 *
Bookkeeper	36	2.62	FARM WORKERS	87	6.34 *
Cost Estimator	15	1.09	Nursery or Greenhouse Worker	62	4.52
Secretary	32	2.33	Pruner, Trees/Vines/Canes	25	1.82
CRAFT WORKERS & SUPERVISORS ..	105	7.65 *			
Heavy Equipment Operator	13	0.95			
Irrigation System Installer	70	5.10 *			
Supervisor, Nonworking Exc Service ..	13	0.95			

1983-91 Growth Rate . . . 55.75%

1984 New Hire Rate . . . 35.83%

1991 Proj. Employment . . . 1,137



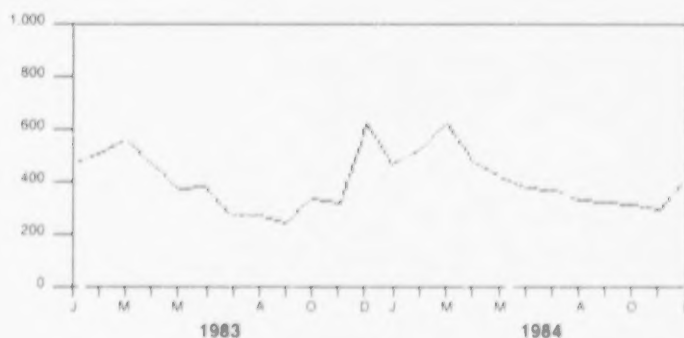
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	789	719	700	718	728	810
Number of Firms	55	52	53	55	58	59
Average Weekly Earnings	\$195.65	\$219.65	\$242.53	\$268.59	\$301.52	\$294.60

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	214	29.60 ***	CRAFT WORKERS & SUPERVISORS . .	55	7.61 *
Biological Science Tech	11	1.52	Heavy Equipment Operator	17	2.35
Civil Engineer	12	1.66	Supervisor, Nonworking Exc Service	12	1.66
Forest Conservation Worker	67	9.27 *	LABORERS EXCEPT FARM	169	23.37 ***
Forester & Conservation Scientist	107	14.80 **	Tree Planter	160	22.13 ***
MANAGERS & OFFICERS	129	17.84 **	FARM WORKERS	75	10.37 **
Purchasing Agent &/or Buyer	43	5.95 *	Nursery or Greenhouse Worker	73	10.10 **
CLERICAL WORKERS	65	8.99 *			
Bookkeeper	14	1.94			
Secretary	14	1.94			

1983-91 Growth Rate . . . 113.84%

1984 New Hire Rate . . . 115.53%

1991 Proj. Employment . . . 896



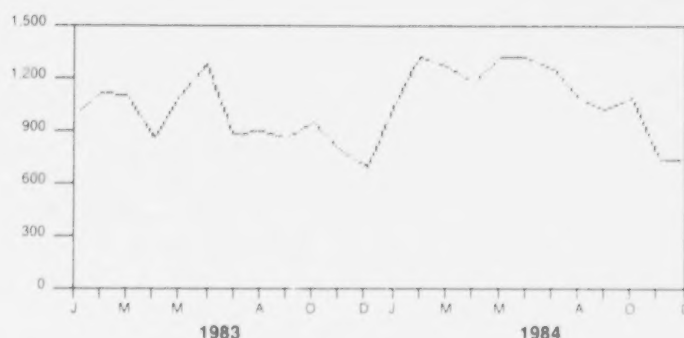
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	414	458	432	409	418	421
Number of Firms	10	19	15	14	15	16
Average Weekly Earnings	\$139.94	\$205.08	\$175.70	\$181.03	\$186.41	\$199.45

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	84	20.14 ***	OPERATIVES	37	1.87 *
Forest Conservation Worker	61	14.63 **	Production Packager	35	8.39 *
Forester & Conservation Scientist	14	3.36	LABORERS EXCEPT FARM	49	11.75 **
MANAGERS & OFFICERS	27	6.47 *	Tree Planter	49	11.75 **
CLERICAL WORKERS	22	5.28 *	FARM WORKERS	180	43.17 *****
CRAFT WORKERS & SUPERVISORS	16	3.84	Farm Equipment Operator	10	2.40
			Nursery or Greenhouse Worker	170	40.77 *****

1983-91 Growth Rate ... 2.83%

1984 New Hire Rate ... 353.89%

1991 Proj. Employment ... 2,000



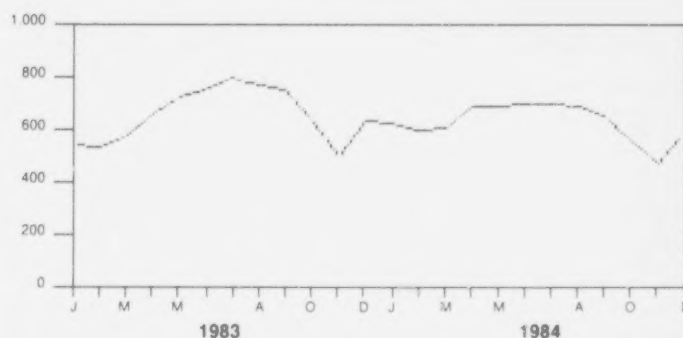
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,143	2,028	1,815	1,640	1,935	2,237
Number of Firms	197	205	226	208	212	237
Average Weekly Earnings	\$173.22	\$196.55	\$208.41	\$201.98	\$205.55	\$221.00

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	161	8.28 *	OPERATIVES	56	2.88
Airplane Pilot	12	0.62	Truck Driver	17	0.87
Biological Science Tech	13	0.67	LABORERS EXCEPT FARM	1,415	72.79 *****
Forest Conservation Worker	45	2.31	Brush Cutter	61	3.14
Forester & Conservation Scientist	28	1.44	Faller &/or Bucker	115	5.92 *
Timber Cruiser	18	0.93	Gardener/Groundskeeper	10	0.51
MANAGERS & OFFICERS	89	4.58	Tree Planter	1,207	62.09 *****
CLERICAL WORKERS	63	3.24	FARM WORKERS	35	1.80
Bookkeeper	35	1.80	Nursery or Greenhouse Worker	33	1.70
CRAFT WORKERS & SUPERVISORS ..	124	6.38 *			
Aircraft Mechanic	26	1.34			
Log Inspector/Grader/Scaler	16	0.82			
Supervisor, Nonworking Exc Service ..	47	2.42			

1983-91 Growth Rate . . . 17.29%

1984 New Hire Rate . . . 272.29%

1991 Proj. Employment . . . 780



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	626	702	747	696	662	635
Number of Firms	317	349	377	357	331	286
Average Weekly Earnings	\$378.70	\$350.99	\$360.57	\$382.64	\$388.22	\$362.01

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	122	18.37 **	SERVICE WORKERS	20	3.01
CLERICAL WORKERS	11	1.66	LABORERS EXCEPT FARM	471	70.93 *****
Bookkeeper	11	1.66	Deckhand, Fishing Vessel	471	70.93 *****
OPERATIVES	34	5.12 *			
Shellfish Shucker	17	2.56			



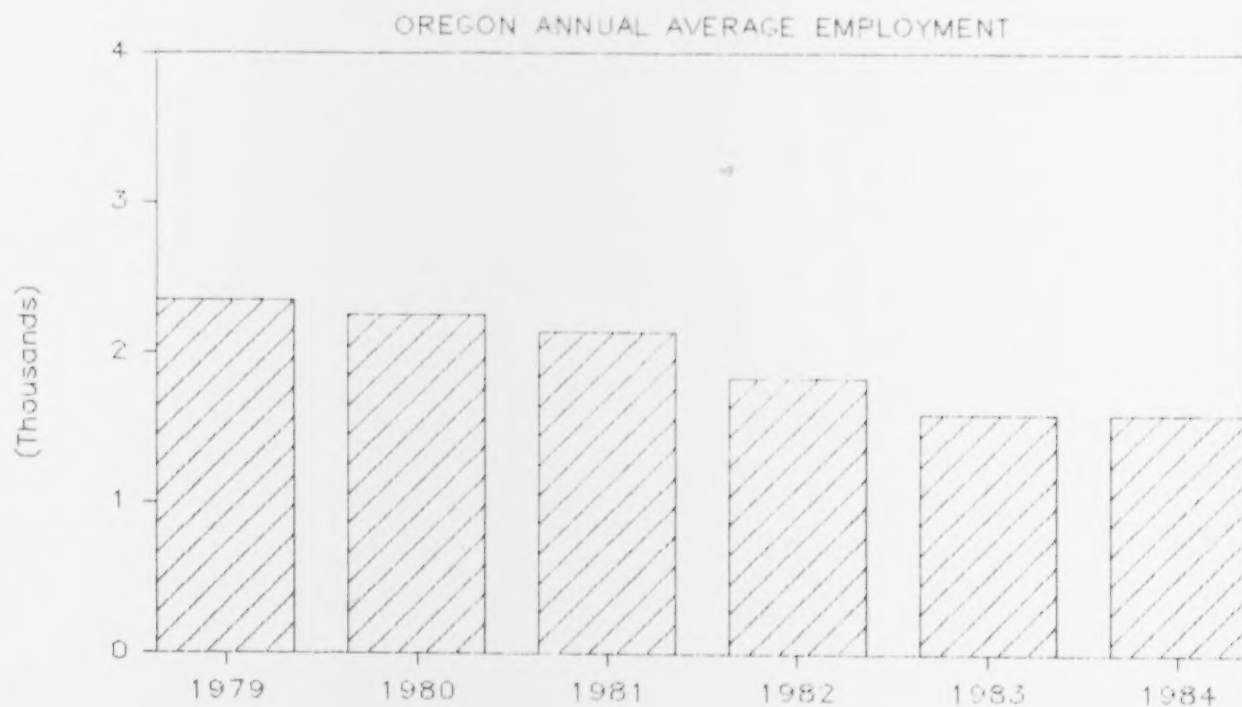
Mining

This division includes all establishments primarily engaged in mining. Mining is here used in the broad sense to include the extraction of minerals occurring naturally: solids, such as coal and ores; liquids, such as crude petroleum; and gases, such as natural gas. The term "mining" is also used in the broad sense to include quarrying, well operation, milling (crushing, screening, washing, flotation, etc.), and other preparation customarily done at the mine site, or as a part of mining activity.

Exploration and development of mineral properties are included. Services performed on a contract, fee, or similar basis in the development or operation of mineral properties

are classified separately but within this division. Establishments which have complete responsibility for operating mines, quarries, or oil and gas wells for others in a contract, fee, or similar basis are classified according to the product mined rather than as mineral services.

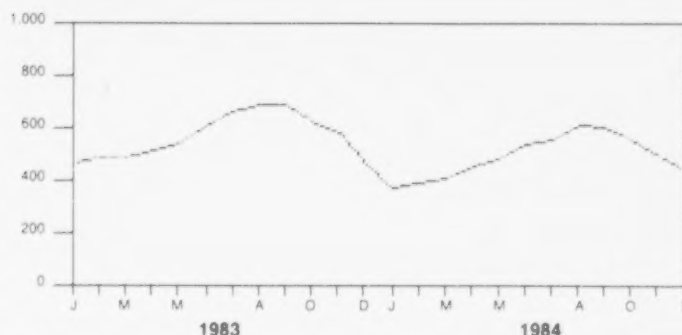
Mining operations are classified, by industry, on the basis of the principal mineral produced, or, if there is no production, on the basis of the principal mineral for which exploration or development work is in process. The mining of culm banks, ore dumps, and tailing piles is classified as mining according to the principal mineral product derived.



1983-91 Growth Rate . . . 12.37%

1984 New Hire Rate . . . 139.87%

1991 Proj. Employment . . . 654



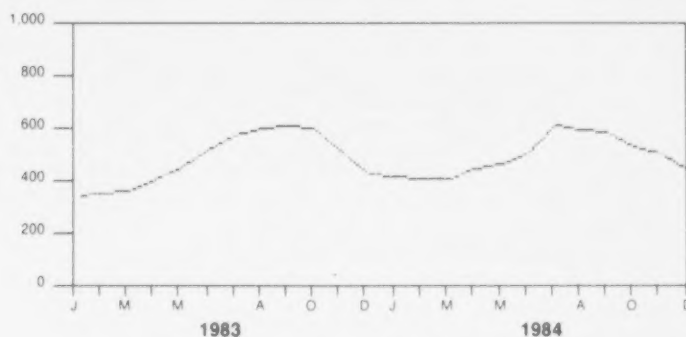
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,019	835	720	587	582	504
Number of Firms	86	84	81	72	59	60
Average Weekly Earnings	\$359.82	\$376.12	\$401.25	\$394.54	\$412.52	\$401.40

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	58	9.97 *	OPERATIVES	206	35.40 ****
CLERICAL WORKERS	51	8.76 *	Conveyor Operator	11	1.89
Bookkeeper	13	2.23	Mill/Grinder Oper, Mineral	50	8.59 *
General Clerk	19	3.26	Oiler	19	3.26
CRAFT WORKERS & SUPERVISORS ..	195	33.51 ****	Truck Driver	93	15.98 **
Diesel Mechanic	15	2.58	LABORERS EXCEPT FARM	61	10.48 **
Engineering Equip Mechanic	28	4.81	Helper, Trades	17	2.92
Heavy Equipment Operator	117	20.10 ***			
Supervisor, Nonworking Exc Service ..	16	2.75			

1983-91 Growth Rate . . . 2.87%

1984 New Hire Rate . . . 93.21%

1991 Proj. Employment . . . 502



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	782	658	552	493	485	495
Number of Firms	63	65	67	59	59	52
Average Weekly Earnings	\$354.89	\$345.04	\$347.69	\$352.72	\$363.85	\$376.32

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	51	10.32 **	OPERATIVES	223	45.14 *****
CLERICAL WORKERS	64	12.96 **	Conveyor Operator	20	4.05
Bookkeeper	15	3.04	Mill/Grinder Oper, Mineral	11	2.23
General Clerk	20	4.05	Panelboard/Grind Mill Oper	10	2.02
Weigher	14	2.83	Truck Driver	156	31.58 ****
CRAFT WORKERS & SUPERVISORS ..	132	26.72 ***	LABORERS EXCEPT FARM	17	3.44
Heavy Equipment Operator	86	17.41 **			
Maintenance Repairer, Gen Utility	11	2.23			

Construction

This division includes establishments (or kind-of-activity units) primarily engaged in construction. The term "construction" includes new work, additions, alterations, and repairs. Construction activities are generally administered or managed from a relatively fixed place of business, but the actual construction work is performed at one or more different sites which may be dispersed geographically. If a company has more than one relatively fixed place of business from which it undertakes or manages construction activities and for which separate data on the number of employees, payroll, receipts and other establishment-type records are maintained, each such place of business is considered a separate construction establishment. Each legal entity is considered a separate establishment, even where two or more legal entities carry out construction activities from the same place of business.

Three broad types of construction activity are covered: namely, building construction by general contractors or by operative builders (15), other construction by general contractors (16), and construction by special trade contractors (17).

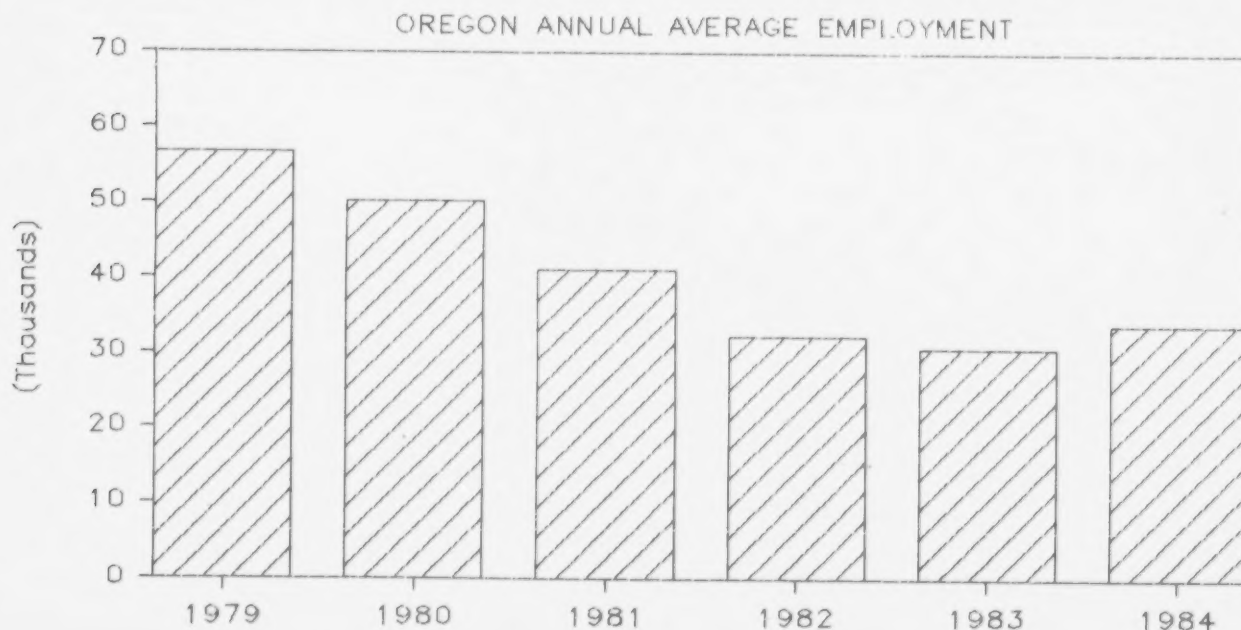
Operative builders who build on their own account for resale are classified in this division. Investment builders who build structures on their own account for rental are not included here, but separate establishments primarily

engaged in construction for the investment builder are classified in this division.

General building contractors are primarily engaged in the construction of dwellings, office buildings, stores, farm buildings and other projects of a similar character. General contractors in fields other than buildings, often referred to as heavy construction contractors, are primarily engaged in the construction of highways, streets, bridges and tunnels, docks and piers, dams and water projects; sewage collection, treatment, and disposal facilities; and storm sewer systems, air fields, heavy industrial facilities and other heavy construction which involves either earth moving or the erection of structures and appurtenances, other than buildings. The removal of overburden is classified in Mining.

Special trade contractors are primarily engaged in specialized construction activities such as plumbing, painting, electrical work and carpentry.

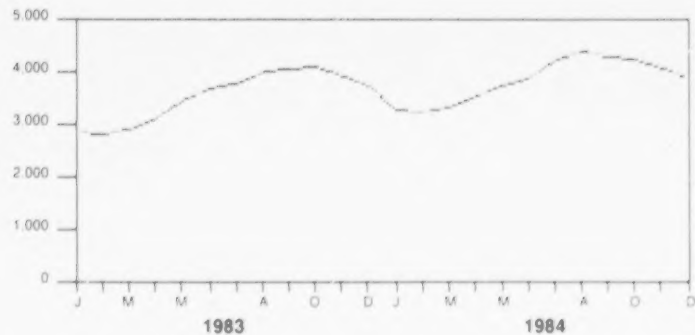
General contractors in both the building field and the heavy construction field usually assume responsibility for an entire construction project, but may subcontract to others those portions of the project requiring special skills or equipment. Special trade contractors may work for general contractors under subcontracts or may work directly for the owner of the property.



1983-91 Growth Rate . . . 66.58%

1984 New Hire Rate . . . 243.14%

1991 Proj. Employment . . . 5,972



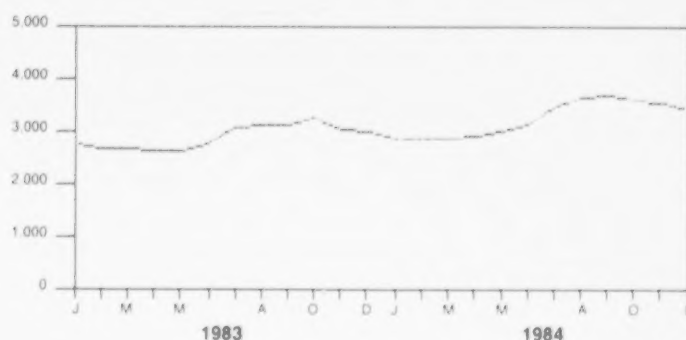
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	8,407	6,487	5,233	3,725	3,549	3,840
Number of Firms	3,084	2,853	2,561	1,960	1,684	1,544
Average Weekly Earnings	\$247.11	\$271.68	\$269.67	\$256.61	\$263.94	\$281.69

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	67	1.87	CRAFT WORKERS & SUPERVISORS ..	1,569	43.75 *****
Accountant/Auditor	21	0.59	Cabinet Maker	19	0.53
Drafter	29	0.81	Carpenter	1,276	35.58 *****
MANAGERS & OFFICERS	603	16.82 **	Cement Mason	39	1.09
Purchasing Agent &/or Buyer	10	0.28	Heavy Equipment Operator	38	1.06
SALES WORKERS	95	2.65	Maintenance Repairer, Gen Utility	23	0.64
Sales Agent, Real Estate	81	2.26	Painter, Maintenance	50	1.39
CLERICAL WORKERS	648	18.07 **	Supervisor, Nonworking Exc Service	92	2.57
Accounting Clerk	19	0.53	OPERATIVES	58	1.62
Bookkeeper	219	6.11 *	Truck Driver	19	0.53
Cost Estimator	90	2.51	SERVICE WORKERS	106	2.96
General Clerk	171	4.77	Janitor/Porter/Cleaner	95	2.65
Payroll &/or Timekeeping Clerk	24	0.67	LABORERS EXCEPT FARM	440	12.27 **
Secretary	114	3.18	Carpenter Helper	216	6.02 *
			Cement Mason Help	13	0.36
			Gardener/Groundskeeper	14	0.39

1983-91 Growth Rate . . . 69.45%

1984 New Hire Rate . . . 223.52%

1991 Proj. Employment . . . 4,992



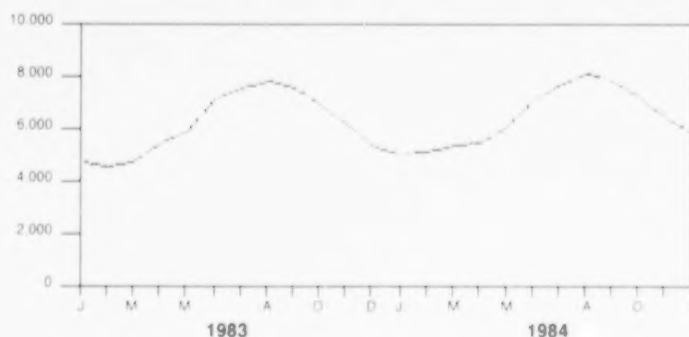
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	6,368	5,607	4,424	3,417	2,931	3,270
Number of Firms	593	588	584	522	488	490
Average Weekly Earnings	\$393.81	\$450.22	\$470.80	\$492.46	\$461.29	\$447.04

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	92	3.12	CRAFT WORKERS & SUPERVISORS (cont.)		
Accountant/Auditor	13	0.44	Heavy Equipment Operator	86	2.92
Civil Engineer	55	1.87	Metal Fabricator	12	0.41
Drafter	17	0.58	Millwright	72	2.44
MANAGERS & OFFICERS	370	12.56 **	Plumber &/or Pipefitter	48	1.63
SALES WORKERS	18	0.61	Sheet Metal Worker	13	0.44
Sales Agent, Real Estate	14	0.48	Structural Steel Worker	10	0.34
CLERICAL WORKERS	505	17.14 **	Supervisor, Nonworking Exc Service	123	4.17
Accounting Clerk	24	0.81	OPERATIVES	81	2.75
Bookkeeper	75	2.54	Truck Driver	35	1.19
Cost Estimator	163	5.53 *	Welder/Flamecutter	37	1.26
General Clerk	90	3.05	SERVICE WORKERS	12	0.41
Payroll &/or Timekeeping Clerk	18	0.61	Janitor/Porter/Cleaner	11	0.37
Production Clerk	19	0.64	LABORERS EXCEPT FARM	425	14.42 **
Secretary	92	3.12	Carpenter Helper	124	4.21
CRAFT WORKERS & SUPERVISORS	1,444	49.00 *****	Helper, Trades	15	0.51
Carpenter	976	33.12 ****	Plasterer Helper	10	0.34
Cement Mason	70	2.38	Reinforcing Iron Worker	18	0.61

1983-91 Growth Rate . . . 24.26%

1984 New Hire Rate . . . 94.06%

1991 Proj. Employment . . . 7,662



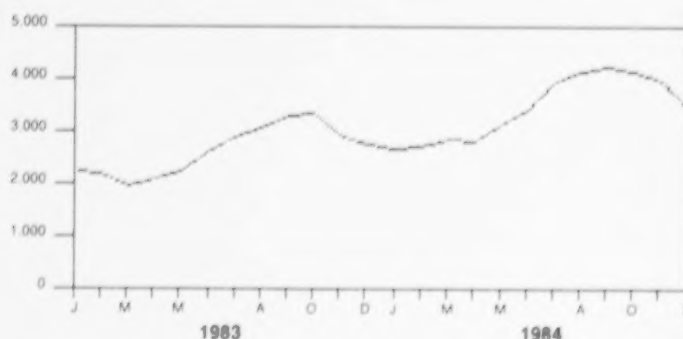
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	7,892	7,596	6,642	6,018	6,154	6,459
Number of Firms	455	443	445	414	393	378
Average Weekly Earnings	\$349.59	\$372.18	\$397.50	\$404.76	\$415.26	\$422.11

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	880	14.26 **	CRAFT WORKERS & SUPERVISORS (cont.)		
Accountant/Auditor	19	0.31	Diesel Mechanic	61	0.99
Chemical Engineer	20	0.32	Electrician	18	0.29
Civil Engineer	510	8.27 *	Engineering Equip Mechanic	178	2.89
Civil Engineering Technician	241	3.91	Heavy Equipment Operator	1,123	18.20 **
MANAGERS & OFFICERS	600	9.73 *	Maintenance Mechanic	28	0.45
Right of Way Agent	50	0.81	Maintenance Repairer, Gen Utility	13	0.21
SALES WORKERS	26	0.42	Radio Mechanic	10	0.16
Sales Representative	22	0.36	Supervisor, Nonworking Exc Service	204	3.31
CLERICAL WORKERS	635	10.29 **	Supervisor, Nonworking Service	34	0.55
Accounting Clerk	18	0.29	OPERATIVES	690	11.18 **
Bookkeeper	86	1.39	Asphalt-Plant Oper	61	0.99
Cashier	14	0.23	Panelboard/Grind Mill Oper	19	0.31
Clerical Supervisor	20	0.32	Surveyor Helper, Rod/Chain/Lightkp	105	1.70
Cost Estimator	67	1.09	Truck Driver	461	7.47 *
General Clerk	60	0.97	SERVICE WORKERS	254	4.12
Key Punch/Data Entry Oper	16	0.26	Guard/Doorkeeper	14	0.23
Payroll &/or Timekeeping Clerk	15	0.24	Janitor/Porter/Cleaner	22	0.36
Secretary	130	2.11	LABORERS EXCEPT FARM	1,276	20.68 ***
Stock Clerk, Storeroom & Warehouse	24	0.39	Air Hammer Operator	18	0.29
Survey Worker	30	0.49	Asphalt Raker	118	1.91
Weigher	87	1.41	Choke Setter	41	0.66
CRAFT WORKERS & SUPERVISORS	1,808	29.31 ***	Faller &/or Bucker	25	0.41
Automotive Mechanic	34	0.55	Highway Maintenance Worker	653	10.59 **
Carpenter	34	0.55	Pipe Layer	10	0.16
Cement Mason	32	0.52			

1983-91 Growth Rate . . . 80.48%

1984 New Hire Rate . . . 206.28%

1991 Proj. Employment . . . 4853



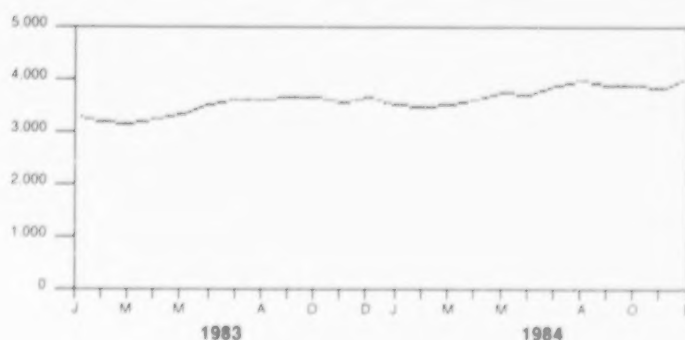
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	5,712	4,966	3,936	2,752	2,678	3,474
Number of Firms	513	478	463	408	402	445
Average Weekly Earnings	\$424.82	\$500.15	\$504.19	\$489.69	\$485.34	\$482.25

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	47	1.75	CRAFT WORKERS & SUPERVISORS (cont.)		
Accountant/Auditor	12	0.45	Engineering Equip Mechanic	88	3.28
Civil Engineer	11	0.41	Heavy Equipment Operator	429	15.99 **
Surveyor	12	0.45	Inspector	16	0.60
MANAGERS & OFFICERS	268	9.99 *	Line Erector/Installer-Repairer	31	1.16
SALES WORKERS	10	0.37	Plumber &/or Pipefitter	41	1.53
CLERICAL WORKERS	255	9.50 *	Supervisor, Nonworking Exc Service	76	2.83
Bookkeeper	107	3.99	OPERATIVES	299	11.14 **
Cost Estimator	49	1.83	Oiler	12	0.45
General Clerk	43	1.60	Truck Driver	182	6.78 *
Payroll &/or Timekeeping Clerk	11	0.41	Welder/Flamecutter	76	2.83
Secretary	30	1.12	LABORERS EXCEPT FARM	720	26.84 ***
CRAFT WORKERS & SUPERVISORS . .	1,080	40.25 *****	Air Hammer Operator	27	1.01
Automotive Mechanic	14	0.52	Dredge Pipe Installer	10	0.37
Carpenter	222	8.27 *	Pipe Layer	130	4.85
Cement Mason	28	1.04	Reinforcing Iron Worker	77	2.87
Crane, Derrick & Hoist Operator	76	2.83	Tree Planter	44	1.64

1983-91 Growth Rate . . . 52.72%

1984 New Hire Rate . . . 136.30%

1991 Proj. Employment . . . 5,310



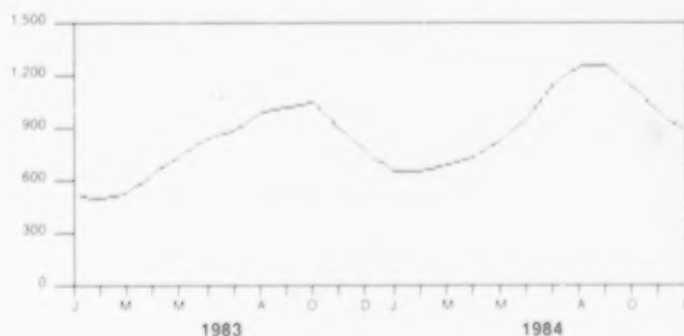
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	6,367	5,668	4,699	3,873	3,458	3,749
Number of Firms	799	788	777	693	654	637
Average Weekly Earnings	\$404.30	\$435.75	\$458.78	\$468.23	\$424.74	\$432.16

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	66	1.89	CRAFT WORKERS & SUPERVISORS ..	2,107	60.39 *****
Drafter	25	0.72	Automotive Mechanic	13	0.37
Mechanical Engineer	27	0.77	Furnace Installer/Repairer	223	6.39 *
MANAGERS & OFFICERS	374	10.72 **	Heavy Equipment Operator	17	0.49
Purchasing Agent &/or Buyer	14	0.40	Oil Burner Installer/Service	13	0.37
SALES WORKERS	104	2.98	Plumber &/or Pipefitter	1,010	28.95 ***
Sales Representative	98	2.81	Protective Signal Inst	10	0.29
CLERICAL WORKERS	625	17.91 **	Refrigeration Mechanic	331	9.49 *
Accounting Clerk	22	0.63	Sheet Metal Worker	396	11.35 **
Bookkeeper	167	4.79	Supervisor, Nonworking Exc Service	32	0.92
Cost Estimator	99	2.84	OPERATIVES	64	1.83
General Clerk	163	4.67	Truck Driver	48	1.38
Payroll &/or Timekeeping Clerk	31	0.89	LABORERS EXCEPT FARM	141	4.04
Receptionist	11	0.32	Plumber/Pipefitter Helper	84	2.41
Secretary	63	1.81			
Stock Clerk, Storeroom & Warehouse	24	0.69			
Typist/Word Processor	15	0.43			

1983-91 Growth Rate ... 17.93%

1984 New Hire Rate ... 270.57%

1991 Proj. Employment ... 947



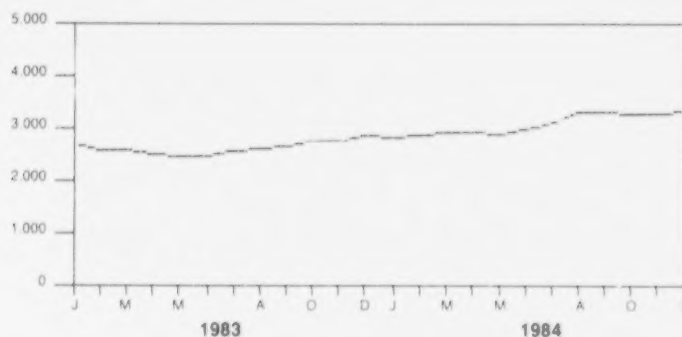
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,375	1,207	911	742	793	939
Number of Firms	481	436	383	317	294	302
Average Weekly Earnings	\$268.69	\$298.35	\$312.13	\$305.91	\$285.44	\$278.56

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	64	7.94 *	CRAFT WORKERS & SUPERVISORS ..	602	74.69 *****
CLERICAL WORKERS	75	9.31 *	Painter, Maintenance	576	71.46 *****
Bookkeeper	25	3.10	Paperhanger	10	1.24
Cost Estimator	22	2.73	OPERATIVES	19	2.36
General Clerk	11	1.36	Dry-Wall Applicator	10	1.24
			LABORERS EXCEPT FARM	29	3.60
			Painter Help	29	3.60

1983-91 Growth Rate ... 52.52%

1984 New Hire Rate ... 133.38%

1991 Proj. Employment ... 4,234



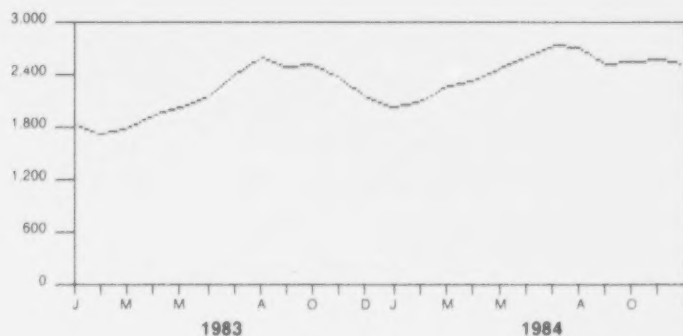
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,706	4,578	4,089	3,218	2,769	3,162
Number of Firms	536	553	579	542	502	504
Average Weekly Earnings	\$451.02	\$496.68	\$527.72	\$499.72	\$481.44	\$460.97

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	102	3.67	CLERICAL WORKERS (cont.)		
Drafter	13	0.47	Secretary	62	2.23
Electrical/Electronic Engineers	15	0.54	Stock Clerk, Storeroom & Warehouse	66	2.38
Electrical/Electronic Tech	40	1.44	CRAFT WORKERS & SUPERVISORS ..	1,732	62.39 *****
Estimator & Drafter, Utilities	18	0.65	Electric Motor Repairer	28	1.01
MANAGERS & OFFICERS	323	11.64 **	Electrician	1,509	54.36 *****
Purchasing Agent &/or Buyer	38	1.37	Electronic Mechanic	17	0.61
SALES WORKERS	46	1.66	Installer/Repairer/Section Maintnr	16	0.58
Sales Representative	46	1.66	Line Erector/Installer-Repairer	97	3.49
CLERICAL WORKERS	492	17.72 **	Plumber &/or Pipefitter	10	0.36
Accounting Clerk	10	0.36	Supervisor, Nonworking Exc Service	27	0.97
Bookkeeper	141	5.08 *	OPERATIVES	15	0.54
Cost Estimator	80	2.88	Truck Driver	15	0.54
General Clerk	108	3.89	SERVICE WORKERS	25	0.90
Payroll &/or Timekeeping Clerk	14	0.50	Guard/Doorkeeper	19	0.68
			LABORERS EXCEPT FARM	41	1.48

1983-91 Growth Rate . . . 92.23%

1984 New Hire Rate . . . 231.41%

1991 Proj. Employment . . . 4,083



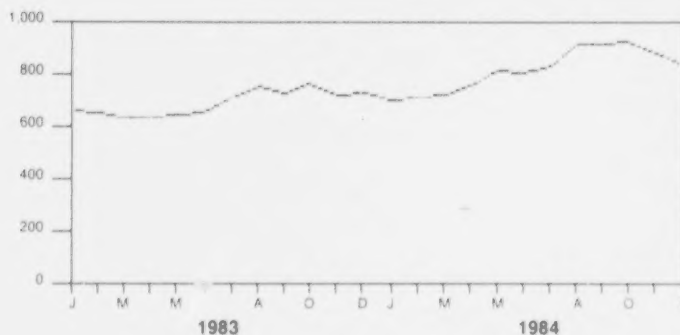
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,824	4,273	3,140	2,358	2,105	2,470
Number of Firms	783	756	690	571	519	483
Average Weekly Earnings	\$288.97	\$327.42	\$345.68	\$365.61	\$343.64	\$334.81

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	179	8.44 *	CRAFT WORKERS & SUPERVISORS (cont.)		
SALES WORKERS	40	1.89	Stonemason	14	0.66
Sales Representative	33	1.56	Supervisor, Nonworking Exc Service ..	29	1.37
CLERICAL WORKERS	253	11.93 **	Tile Setter	28	1.32
Bookkeeper	78	3.68	OPERATIVES	972	45.83 *****
Cost Estimator	68	3.21	Asbestos & Insulation Wkr	371	17.49 **
General Clerk	42	1.98	Dry-Wall Applicator	344	16.22 **
Payroll &/or Timekeeping Clerk	11	0.52	Lather	49	2.31
Secretary	26	1.23	Taper	183	8.63 *
Stock Clerk, Storeroom & Warehouse ..	16	0.75	Truck Driver	19	0.90
CRAFT WORKERS & SUPERVISORS ..	452	21.31 ***	LABORERS EXCEPT FARM	213	10.04 **
Brick Layer	141	6.65 *	Asbestos & Insul Work Help	21	0.99
Carpenter	61	2.88	Bricklayer Helper	91	4.29
Ceiling Tile &/or Floorlayer	58	2.73	Plasterer Helper	20	0.94
Plasterer	92	4.34	Tile Setter Helper	18	0.85

1983-91 Growth Rate ... 110.26%

1984 New Hire Rate ... 212.97%

1991 Proj. Employment ... 1,516



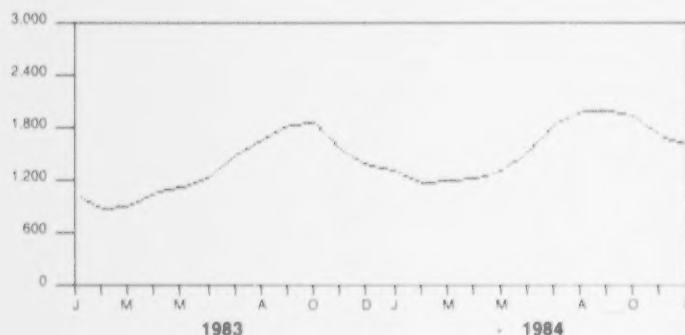
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,787	1,502	1,217	785	720	814
Number of Firms	587	559	506	390	326	287
Average Weekly Earnings	\$237.59	\$264.46	\$274.62	\$268.06	\$274.64	\$277.97

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	59	8.27 *	CRAFT WORKERS & SUPERVISORS ..	458	64.24 *****
SALES WORKERS	31	4.35	Carpenter	241	33.80 *****
Sales Representative	31	4.35	Carpet Cutter &/or Layer	100	14.03 **
CLERICAL WORKERS	99	13.88 **	Ceiling Tile &/or Floorlayer	40	5.61 *
Bookkeeper	30	4.21	Floor Sanding Mach Oper	12	1.68
Cost Estimator	17	2.38	Structural Steel Worker	27	3.79
General Clerk	20	2.81	Supervisor, Nonworking Exc Service	11	1.54
Secretary	13	2.52	OPERATIVES	11	1.54
			LABORERS EXCEPT FARM	49	6.87 *
			Carpenter Helper	28	3.93

1983-91 Growth Rate . . . 17.87%

1984 New Hire Rate . . . 224.72%

1991 Proj. Employment . . . 1,603



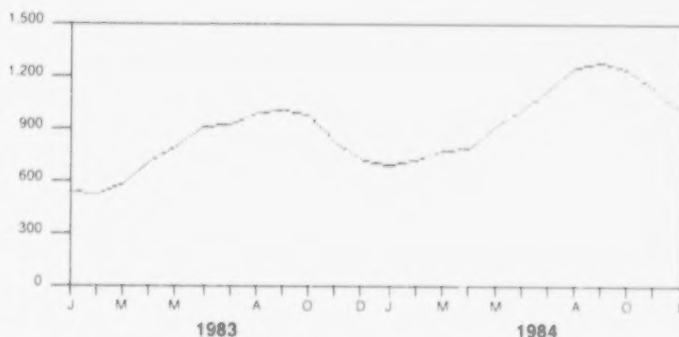
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,961	1,765	1,339	1,225	1,341	1,579
Number of Firms	340	337	312	285	289	308
Average Weekly Earnings	\$247.85	\$277.65	\$290.40	\$284.91	\$267.22	\$268.47

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	116	8.57 *	CRAFT WORKERS & SUPERVISORS ..	815	60.19 *****
SALES WORKERS	14	1.03	Carpenter	25	1.85
Sales Representative	14	1.03	Metal Fabricator	14	1.03
CLERICAL WORKERS	205	15.14 **	Roofer	539	39.81 *****
Bookkeeper	69	5.10 *	Sheet Metal Worker	213	15.73 **
Cost Estimator	41	3.03	OPERATIVES	44	3.25
General Clerk	51	3.77	Truck Driver	25	1.85
Secretary	28	2.07	LABORERS EXCEPT FARM	151	11.15 **
			Roofer Help	122	9.01 *

1983-91 Growth Rate . . . 93.64%

1984 New Hire Rate . . . 227.03%

1991 Proj. Employment . . . 1,582



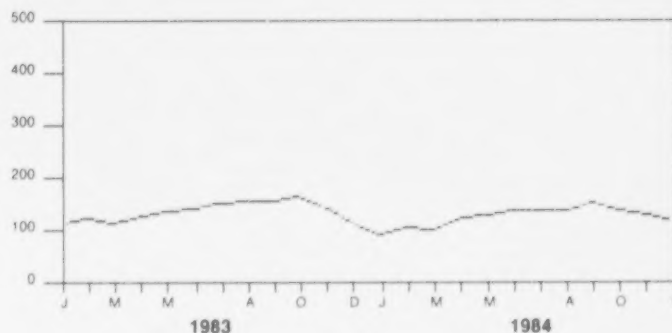
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,871	1,471	1,098	773	804	1,000
Number of Firms	496	449	390	333	308	283
Average Weekly Earnings	\$257.92	\$272.05	\$283.15	\$293.49	\$293.63	\$296.32

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	80	9.76 *	CRAFT WORKERS & SUPERVISORS ..	379	46.22 *****
CLERICAL WORKERS	103	12.56 **	Carpenter	54	6.59 *
Bookkeeper	35	4.27	Cement Mason	257	31.34 *****
Cost Estimator	20	2.44	Heavy Equipment Operator	41	5.00 *
General Clerk	25	3.05	OPERATIVES	94	11.46 **
Secretary	19	2.32	Truck Driver	31	3.78
			LABORERS EXCEPT FARM	157	19.15 **
			Asphalt Raker	15	1.83
			Cement Mason Help	30	3.66

1983-91 Growth Rate . . . 84.78%

1984 New Hire Rate . . . 138.95%

1991 Proj. Employment . . . 255



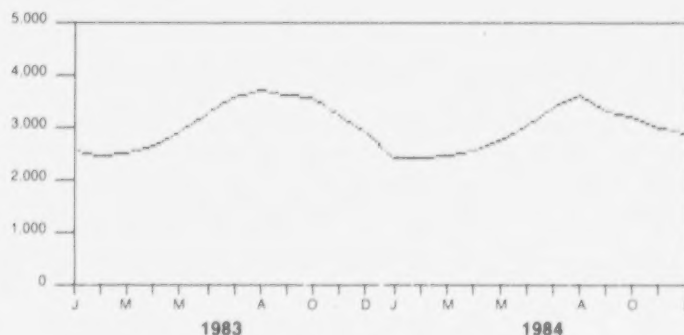
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	302	263	229	150	135	122
Number of Firms	105	92	91	79	67	61
Average Weekly Earnings	\$279.87	\$300.90	\$317.55	\$283.61	\$295.26	\$279.26

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	16	11.51 **	CRAFT WORKERS & SUPERVISORS ..	62	44.60 *****
CLERICAL WORKERS	19	13.67 **	Heavy Equipment Operator	57	41.01 *****
General Clerk	10	7.19 *	LABORERS EXCEPT FARM	36	25.90 ***
			Helpers Trades	33	23.74 ***

1983-91 Growth Rate . . . 33.89%

1984 New Hire Rate . . . 209.23%

1991 Proj. Employment . . . 4,085



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,832	4,615	3,882	3,127	3,030	2,872
Number of Firms	923	923	873	779	726	650
Average Weekly Earnings	\$333.57	\$364.32	\$391.01	\$387.30	\$382.52	\$374.63

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	21	0.69	CRAFT WORKERS & SUPERVISORS (cont.)		
Drafter	13	0.43	Inspector	20	0.65
MANAGERS & OFFICERS	281	9.20 *	Maintenance Mechanic	12	0.39
SALES WORKERS	80	2.62	Metal Fabricator	63	2.06
Sales Representative	76	2.49	Millwright	108	3.53
CLERICAL WORKERS	403	13.19 **	Mobile Home Repairer	12	0.39
Bookkeeper	113	3.70	Painter, Maintenance	15	0.49
Cost Estimator	75	2.45	Plumber &/or Pipefitter	40	1.31
General Clerk	115	3.76	Sheet Metal Worker	21	0.69
Secretary	63	2.06	Structural Steel Worker	130	4.25
Stock Clerk, Storeroom & Warehouse	15	0.49	Supervisor, Nonworking Exc Service	49	1.60
CRAFT WORKERS & SUPERVISORS . .	1,362	44.57 *****	OPERATIVES	422	13.81 **
Automotive Mechanic	17	0.56	Asbestos & Insulation Wkr	11	0.36
Carpenter	74	2.42	Truck Driver	221	7.23 *
Cement Mason	37	1.21	Welder/Flamecutter	46	1.51
Crane, Derrick & Hoist Operator	22	0.72	SERVICE WORKERS	13	0.43
Diesel Mechanic	38	1.24	Janitor/Porter/Cleaner	13	0.43
Electric Instrument Repairer	12	0.39	LABORERS EXCEPT FARM	474	15.51 **
Electrician	10	0.33	Fence Erector	104	3.40
Elevator Installer-Repairer	37	1.21	Helper, Trades	10	0.33
Engineering Equip Mechanic	21	0.69	Pipe Layer	46	1.51
Glazier	145	4.74	Reinforcing Iron Worker	34	1.11
Heavy Equipment Operator	411	13.45 **			

Manufacturing

The manufacturing division includes establishments engaged in the mechanical or chemical transformation of materials or substances into new products. These establishments are usually described as plants, factories, or mills and characteristically use power driven machines and materials handling equipment. Establishments engaged in assembling component parts of manufactured products are also considered manufacturing if the new product is neither a structure nor other fixed improvement. Also included is the blending of materials such as lubricating oils, plastics, resins, or liquors.

The materials processed by manufacturing establishments include products of agriculture, forestry, fishing, mining, and quarrying as well as products of other manufacturing establishments. The new product of a manufacturing establishment may be "finished" in the sense that it is ready for utilization or consumption, or it may be "semi-finished" to become a raw material for an establishment engaged in further manufacturing. For example, the product of the copper smelter is the raw material used in electrolytic refineries; refined copper is the raw material used by copper wire mills; and copper wire is the raw material used by certain electrical equipment manufacturers.

The materials used by manufacturing establishments may be purchased directly from producers, obtained through customary trade channels, or secured without recourse to the market by transferring the product from one establishment to another which is under the same ownership. Manufacturing production is usually carried on

for the wholesale market, for interplant transfer, or to order for industrial users, rather than for direct sale to the domestic consumer.

Manufacturing is frequently divided into two groups: durable goods and nondurable goods. Durable goods are those which are expected to last three years or more; nondurable, less than three years. The first two digits of an SIC may be checked against the following breakout to determine in which general area it is included.

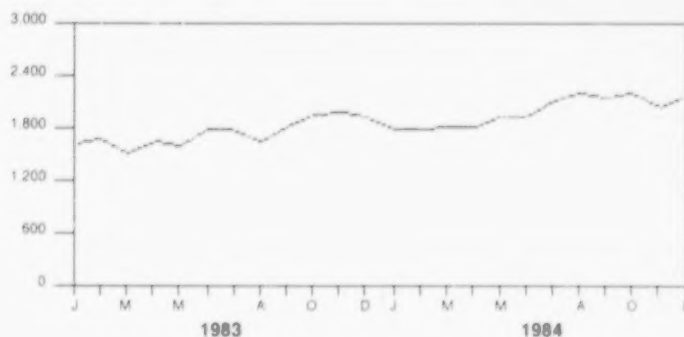
Durable	Nondurable	Industry (SIC) Title
	20	Food & Kindred Products
	22	Textile Mill Products
	23	Apparel & Other Textile Products
24		Lumber & Wood Products
25		Furniture & Fixtures
	26	Paper & Allied Products
	27	Printing & Publishing
	28	Chemicals & Allied Products
	29	Petroleum & Coal Products
	30	Rubber & Misc Products
	31	Leather & Leather Products
32		Stone, Clay, & Glass Products
33		Primary Metal Industries
34		Fabricated Metal Products
35		Machinery, except Electrical
36		Electric & Electronic Equipment
37		Transportation Equipment
38		Instruments & Related Products
39		Misc Manufacturing Industries



1983-91 Growth Rate ... 2.53%

1984 New Hire Rate ... 113.12%

1991 Proj. Employment ... 1,823



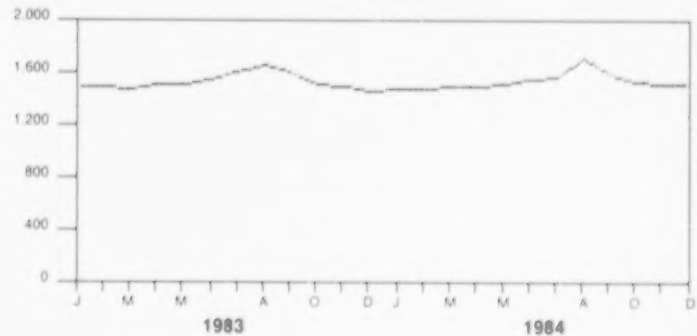
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,783	1,686	1,865	1,765	1,775	2,012
Number of Firms	65	65	70	71	67	72
Average Weekly Earnings	\$285.72	\$298.63	\$322.82	\$346.61	\$353.80	\$335.99

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	26	1.45	OPERATIVES (cont.)		
Accountant/Auditor	13	0.73	Butcher, All Around	122	6.82 *
MANAGERS & OFFICERS	98	5.48 *	Casing Finisher &/or Stuffer	31	1.73
SALES WORKERS	46	2.57	Chicken Cutter	68	3.80
Sales Representative	44	2.46	Cutting Mach Oper, Food	19	1.06
CLERICAL WORKERS	149	8.33 *	Delivery Driver & Route Worker	77	4.30
Accounting Clerk	32	1.79	Industrial Truck Operator	23	1.29
Bookkeeper	28	1.57	Meat Grinder	27	1.51
Computer Operator	14	0.78	Mixer, Food & Tobacco	34	1.90
General Clerk	13	0.73	Poultry Dresser/Eviscerator	127	7.10 *
Order Clerk	10	0.56	Production Packager	406	22.69 ***
Secretary	13	0.73	Skinner	31	1.73
CRAFT WORKERS & SUPERVISORS ..	98	5.48 *	Truck Driver	45	2.52
Maintenance Mechanic	39	2.18	SERVICE WORKERS	65	3.63
Maintenance Repairer, Gen Utility	18	1.01	Janitor/Porter/Cleaner	64	3.58
Supervisor, Nonworking Exc Service ..	35	1.96	LABORERS EXCEPT FARM	94	5.25 *
OPERATIVES	1,213	67.80 *****	Equipment Cleaner, Hand	26	1.45
Boner Meat	88	4.92	Order Filler	13	0.73
Boner Poultry	18	1.01			

1983-91 Growth Rate ... -12.00%

1984 New Hire Rate ... 44.54%

1991 Proj. Employment ... 1,349



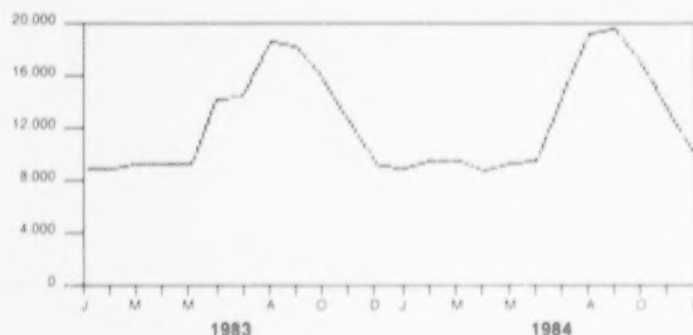
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,653	1,660	1,630	1,594	1,530	1,537
Number of Firms	38	38	37	36	35	34
Average Weekly Earnings	\$350.24	\$375.91	\$401.40	\$428.70	\$436.05	\$431.29

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	38	2.49	OPERATIVES	847	55.40 *****
Accountant/Auditor	11	0.72	Butter Maker	10	0.65
Tester	12	0.78	Cheese Maker	25	1.64
MANAGERS & OFFICERS	96	6.28 *	Cheese Maker Helper	46	3.01
SALES WORKERS	99	6.47 *	Dairy Processing Equip Oper	113	7.39 *
Sales Clerk	54	3.53	Delivery Driver & Route Worker	285	18.64 **
Sales Representative	45	2.94	Flavor-Room Worker/Freezer Oper	31	2.03
CLERICAL WORKERS	167	10.92 **	Industrial Truck Operator	15	0.98
Accounting Clerk	25	1.64	Mixer, Food & Tobacco	13	0.85
Bookkeeper	29	1.90	Novelty Worker	19	1.24
General Clerk	31	2.03	Production Packager	224	14.65 **
Order Clerk	15	0.98	Truck Driver	46	3.01
Shipping & Receiving Clerk	11	0.72	SERVICE WORKERS	18	1.18
Stock Clerk, Storeroom & Warehouse	10	0.65	Janitor/Porter/Cleaner	11	0.72
CRAFT WORKERS & SUPERVISORS ..	99	6.47 *	LABORERS EXCEPT FARM	165	10.79 **
Automotive Mechanic	18	1.18	Equipment Cleaner, Hand	18	1.18
Maintenance Repairer, Gen Utility	27	1.77	Order Filler	94	6.15 *
Stationary Engineer	16	1.05			
Supervisor, Nonworking Exc Service ..	23	1.50			

1983-91 Growth Rate ... -0.41%

1984 New Hire Rate ... 139.49%

1991 Proj. Employment ... 12,347



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	12,345	12,121	11,657	11,493	12,393	12,390
Number of Firms	80	84	88	91	85	81
Average Weekly Earnings	\$217.34	\$243.15	\$269.92	\$282.54	\$275.24	\$282.65

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	544	4.38	CLERICAL WORKERS (cont.)		
Accountant/Auditor	39	0.31	Payroll &/or Timekeeping Clerk	55	0.44
Biological Science Tech	28	0.23	Personnel Clerk	50	0.40
Biological Scientist	42	0.34	Production Clerk	29	0.23
Computer Programmer	17	0.14	Secretary	108	0.87
Drafter	11	0.09	Shipping & Receiving Clerk	60	0.48
Industrial Engineer	20	0.16	Stock Clerk, Storeroom & Warehouse	118	0.95
Mechanical Engineer	22	0.18	Switchboard Oper/Receptionist	12	0.10
Nurse Professional	11	0.09	Weigher	32	0.26
Personnel & Labor Relations Spec	35	0.28	CRAFT WORKERS & SUPERVISORS ..	1,704	13.73 **
Systems Analyst, EDP	13	0.10	Automotive Mechanic	35	0.28
Tester	239	1.93	Baker	16	0.13
MANAGERS & OFFICERS	472	3.80	Electrician	105	0.85
Purchasing Agent &/or Buyer	88	0.71	Inspector	259	2.09
SALES WORKERS	18	0.15	Machinist	17	0.14
Sales Representative	18	0.15	Maintenance Mechanic	423	3.41
CLERICAL WORKERS	780	6.29 *	Maintenance Repairer, Gen Utility	199	1.60
Accounting Clerk	80	0.64	Plumber &/or Pipefitter	10	0.08
Bookkeeper	18	0.15	Refrigeration Mechanic	79	0.64
Clerical Supervisor	25	0.20	Sheet Metal Worker	22	0.18
Computer Operator	20	0.16	Stationary Engineer	27	0.22
General Clerk	55	0.44	Supervisor, Nonworking Exc Service ..	459	3.70
Key Punch/Data Entry Oper	21	0.17			
Order Clerk	13	0.10			

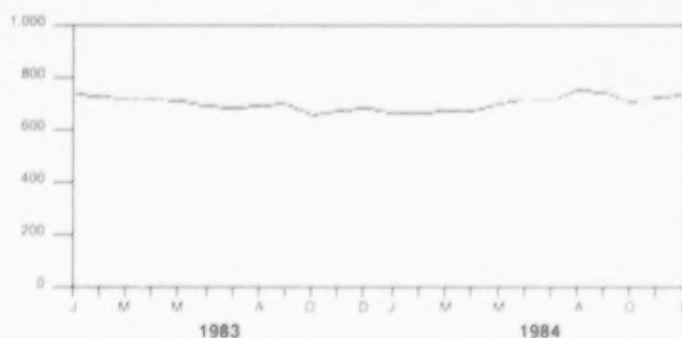
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
OPERATIVES	7,895	63.63 *****	OPERATIVES (cont.)		
Blanching Mach Oper	22	0.18	Shipping Packer	50	0.40
Cannery Worker	5,289	42.63 *****	Stationary Boiler Firer	15	0.12
Conveyor Operator	60	0.48	Truck Driver	181	1.46
Cook &/or Cooker	72	0.58	Washer &/or Separator, Food	14	0.11
Cutting Mach Oper, Food	23	0.19	Weigher, Production (Ex Recordkeep)	26	0.21
Decorator, Bakery Products	14	0.11	Welder/Flamecutter	20	0.16
Grader, Food &/or Skins	94	0.76	SERVICE WORKERS	220	1.77
Industrial Truck Operator	582	4.69	Guard/Doorkeeper	41	0.33
Ingredient Scaler	13	0.10	Janitor/Porter/Cleaner	170	1.37
Mixer, Food & Tobacco	47	0.38	LABORERS EXCEPT FARM	761	6.13 *
Oiler	13	0.10	Equipment Cleaner, Hand	415	3.34
Production Packager	1,237	9.97 *	Loader, Tank/Cars/Trucks	16	0.13
Retort Oper	15	0.12	FARM WORKERS	13	0.10
Roll Forming Mach Oper	18	0.15	Farm Equipment Operator	13	0.10

1983-91 Growth Rate . . . 6.83%

1984 New Hire Rate . . . 42.53%

1991 Proj. Employment . . . 751



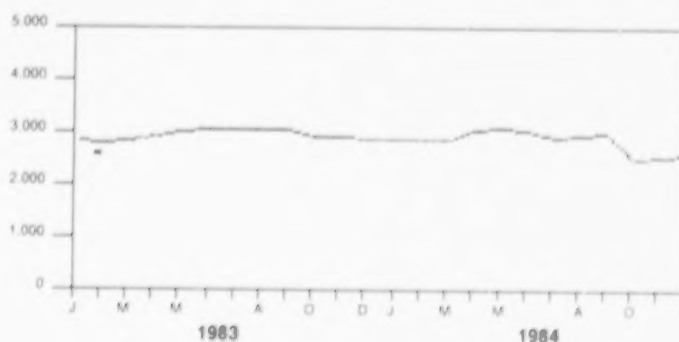
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	942	925	928	849	700	709
Number of Firms	37	36	36	35	27	30
Average Weekly Earnings	\$318.53	\$355.97	\$395.25	\$421.39	\$436.62	\$430.29

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	43	6.06 *	CRAFT WORKERS & SUPERVISORS (cont.)		
Biological Science Tech	15	2.11	Miller, Food	22	3.10
Tester	10	1.41	Supervisor, Nonworking Exc Service	30	4.23
MANAGERS & OFFICERS	67	9.44 *	OPERATIVES	299	42.11 *****
SALES WORKERS	18	2.54	Delivery Driver & Route Worker	10	1.41
Sales Representative	17	2.39	Feed Pellet Mill Oper	23	3.24
CLERICAL WORKERS	89	12.54 **	Industrial Truck Operator	27	3.80
Accounting Clerk	11	1.55	Mixer, Food & Tobacco	36	5.07 *
Bookkeeper	10	1.41	Production Packager	89	12.54 **
General Clerk	21	2.96	Truck Driver	49	6.90 *
Secretary	14	1.97	SERVICE WORKERS	19	2.68
CRAFT WORKERS & SUPERVISORS ..	94	13.24 **	Janitor/Porter/Cleaner	18	2.54
Maintenance Mechanic	19	2.68	LABORERS EXCEPT FARM	81	11.41 **
Maintenance Repairer, Gen Utility	17	2.39			

1983-91 Growth Rate . . . -19.87%

1984 New Hire Rate . . . 33.37%

1991 Proj. Employment . . . 2,363



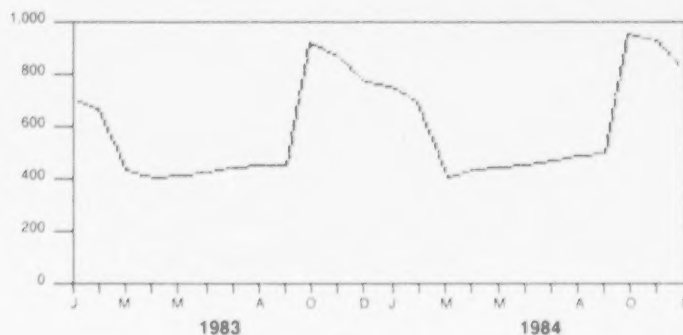
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,885	2,828	2,827	2,797	2,949	2,881
Number of Firms	48	47	40	42	41	44
Average Weekly Earnings	\$332.02	\$355.34	\$376.37	\$409.42	\$422.91	\$426.35

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	30	1.02	OPERATIVES	1,660	56.25 *****
MANAGERS & OFFICERS	119	4.03	Baker Helper	116	3.93
SALES WORKERS	148	5.02 *	Cutting Mach Oper, Food	45	1.52
Sales Clerk	89	3.02	Decorator, Bakery Products	12	0.41
Sales Representative	59	2.00	Delivery Driver & Route Worker	413	14.00 **
CLERICAL WORKERS	152	5.15 *	Depositing Mach Oper, Baked Goods	21	0.71
Accounting Clerk	23	0.78	Dividing/Dough-Brake Mach Oper	60	2.03
General Clerk	28	0.95	Ingredient Scaler	32	1.08
Order Clerk	15	0.51	Mixer, Food & Tobacco	132	4.47
Shipping & Receiving Clerk	19	0.64	Oven Operator, Automatic	91	3.08
Stock Clerk, Storeroom & Warehouse	14	0.47	Production Packager	578	19.59 **
CRAFT WORKERS & SUPERVISORS	417	14.13 **	Shipping Packer	29	0.98
Automotive Mechanic	418	0.61	Truck Driver	46	1.56
Baker	125	4.24	SERVICE WORKERS	173	5.86 *
Food Shaper, Hand	16	0.54	Food Service Worker	48	1.63
Maintenance Mechanic	77	2.61	Janitor/Porter/Cleaner	125	4.24
Maintenance Repairer, Gen Utility	43	1.46	LABORERS EXCEPT FARM	252	8.54 *
Stationary Engineer	10	0.34	Equipment Cleaner, Hand	141	4.78
Supervisor, Nonworking Exc Service	95	3.22	Order Filler	104	3.52

1983-91 Growth Rate ... 40.51%

1984 New Hire Rate ... 67.16%

1991 Proj. Employment ... 822



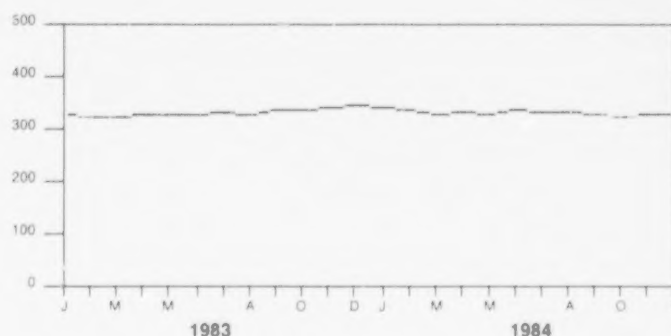
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	563	624	636	701	585	617
Number of Firms	11	10	12	12	15	17
Average Weekly Earnings	\$230.19	\$224.44	\$264.08	\$283.82	\$287.60	\$293.74

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	38	6.61 *	OPERATIVES	234	40.70 *****
Tester	16	2.78	Candy Maker	27	4.70
MANAGERS & OFFICERS	26	4.52	Cannery Worker	82	14.26 **
SALES WORKERS	83	14.43 **	Mixer, Food & Tobacco	13	2.26
Sales Clerk	79	13.74 **	Production Packager	42	7.30 *
CLERICAL WORKERS	37	6.43 *	Sugar Boiler	10	1.74
CRAFT WORKERS & SUPERVISORS ..	112	19.48 **	LABORERS EXCEPT FARM	39	6.78 *
Food Shaper, Hand	14	2.43	Helper, Trades	13	2.26
Maintenance Mechanic	25	4.35			
Supervisor, Nonworking Exc Service ..	41	7.13 *			

1983-91 Growth Rate . . . 14.76%

1984 New Hire Rate . . . 33.64%

1991 Proj. Employment . . . 381



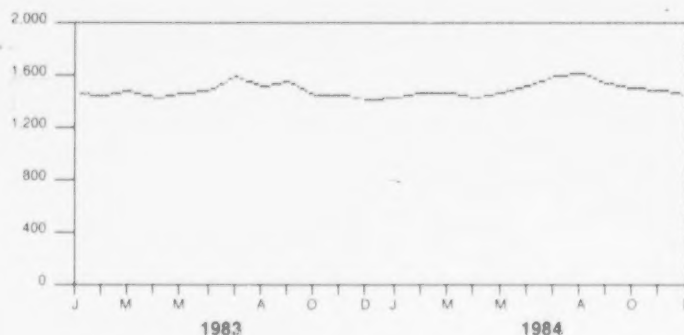
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	260	262	286	325	333	331
Number of Firms	12	13	13	16	18	15
Average Weekly Earnings	\$315.49	\$363.71	\$375.45	\$391.93	\$406.48	\$427.03

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	13	3.98	OPERATIVES	204	62.39 *****
MANAGERS & OFFICERS	32	9.79 *	Butcher, All Around	12	3.67
CLERICAL WORKERS	30	9.17 *	Cook &/or Cooker	18	5.50 *
CRAFT WORKERS & SUPERVISORS . .	23	7.03 *	Production Packager	87	26.61 ***
Maintenance Repairer, Gen Utility . . .	15	4.59	Truck Driver	54	16.51 **
			LABORERS EXCEPT FARM	12	3.67

1983-91 Growth Rate . . . 10.84%

1984 New Hire Rate . . . 47.05%

1991 Proj. Employment . . . 1,657



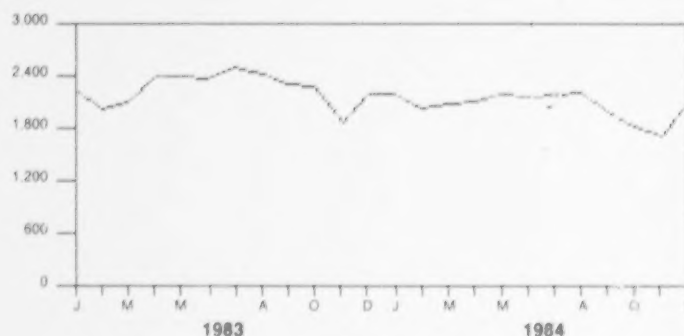
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,479	1,513	1,513	1,496	1,493	1,508
Number of Firms	39	41	43	42	36	37
Average Weekly Earnings	\$341.45	\$381.19	\$405.05	\$429.90	\$440.90	\$446.03

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	31	2.08	CRAFT WORKERS & SUPERVISORS . .	141	9.44 *
MANAGERS & OFFICERS	109	7.30 *	Coin Machine Servicer	42	2.81
SALES WORKERS	113	7.57 *	Maintenance Mechanic	30	2.01
Demonstrator	17	1.14	Supervisor, Nonworking Exc Service .	40	2.68
Sales Representative	96	6.43 *	OPERATIVES	790	52.91 *****
CLERICAL WORKERS	133	8.91 *	Carbonation Equip Tender, Beer	12	0.80
Accounting Clerk	18	1.21	Delivery Driver & Route Worker	349	23.38 ***
Bookkeeper	14	0.94	Fermentation Operator	11	0.74
General Clerk	28	1.88	Industrial Truck Operator	59	3.95
Secretary	19	1.27	Mixer, Food & Tobacco	18	1.21
Shipping & Receiving Clerk	14	0.94	Production Packager	288	19.29 **
			Truck Driver	31	2.08
			LABORERS EXCEPT FARM	167	11.19 **
			Order Filler	35	2.34

1983-91 Growth Rate ... 11.37%

1984 New Hire Rate ... 119.37%

1991 Proj. Employment ... 2,507



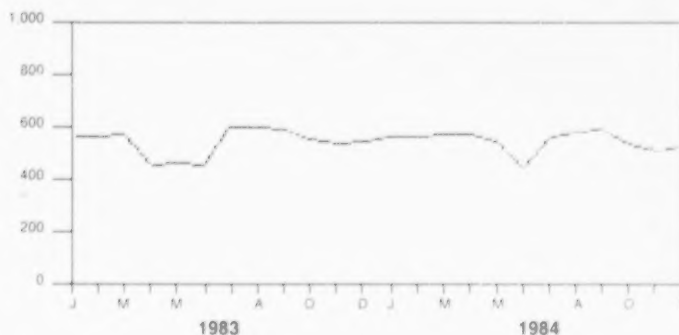
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	3,271	2,778	2,581	2,744	2,247	2,073
Number of Firms	76	77	76	78	70	71
Average Weekly Earnings	\$193.05	\$213.52	\$225.86	\$217.39	\$226.74	\$230.32

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	33	1.46	OPERATIVES	1,486	65.84 *****
Accountant/Auditor	10	0.44	Cannery Worker	313	13.87 **
MANAGERS & OFFICERS	109	4.83	Cook &/or Cooker	17	0.75
Purchasing Agent &/or Buyer	14	0.62	Delivery Driver & Route Worker	103	4.56
SALES WORKERS	45	1.99	Fish Cleaner &/or Butcher Fish	256	11.34 **
Sales Clerk	14	0.62	Industrial Truck Operator	22	0.97
Sales Representative	31	1.37	Mixer, Food & Tobacco	20	0.89
CLERICAL WORKERS	159	7.04 *	Production Packager	348	15.42 **
Accounting Clerk	24	1.06	Shellfish Processing Mach Tender	70	3.10
Bookkeeper	32	1.42	Shellfish Shucker	133	5.89 *
General Clerk	22	0.97	Shipping Packer	10	0.44
Secretary	14	0.62	Truck Driver	23	1.02
Shipping & Receiving Clerk	19	0.84	Washer &/or Separator, Food	88	3.90
CRAFT WORKERS & SUPERVISORS ..	139	6.16 *	SERVICE WORKERS	90	3.99
Maintenance Mechanic	17	0.75	Janitor/Porter/Cleaner	40	1.77
Maintenance Repairer, Gen Utility	28	1.24	Pantry Work & Sandwich/Coffee Maker	44	1.95
Supervisor, Nonworking Exc Service ..	40	1.77	LABORERS EXCEPT FARM	196	8.68 *
			Equipment Cleaner, Hand	27	1.20
			Order Filler	17	0.75

1983-91 Growth Rate . . . 16.17%

1984 New Hire Rate . . . 25.84%

1991 Proj. Employment . . . 625



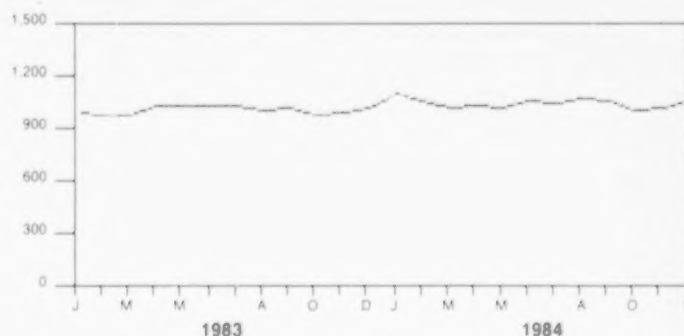
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	695	690	590	586	537	541
Number of Firms	6	6	6	6	6	6
Average Weekly Earnings	\$228.00	\$237.93	\$280.17	\$310.23	\$345.37	\$362.43

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	43	7.80 *	OPERATIVES	238	43.19 *****
Designer	13	2.36	Card, Comb Tender/Card Stripper	27	4.90
MANAGERS & OFFICERS	54	9.80 *	Sewing Mach (Reg) Oper, Garment	38	6.90 *
CLERICAL WORKERS	130	23.59 ***	Spinner, Frame	33	5.99 *
Accounting Clerk	14	2.54	Weaver	48	8.71 *
General Clerk	41	7.44 *	Yarn Winder	16	2.90
Secretary	25	4.54	LABORERS EXCEPT FARM	16	2.90
CRAFT WORKERS & SUPERVISORS	57	10.34 **			
Loom Fixer	22	3.99			
Supervisor, Nonworking Exc Service	12	2.18			

1983-91 Growth Rate . . . -2.39%

1984 New Hire Rate . . . 63.13%

1991 Proj. Employment . . . 979



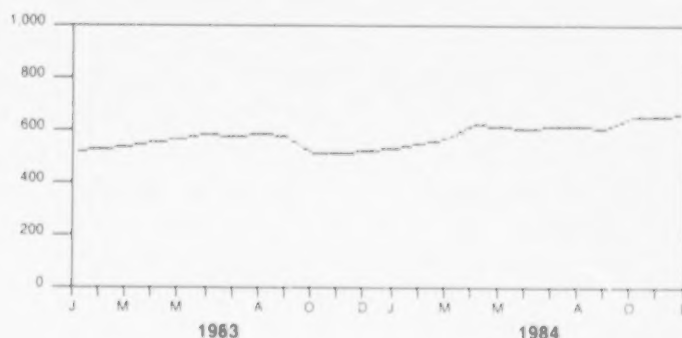
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,207	1,074	952	1,007	1,002	1,038
Number of Firms	5	5	6	6	7	8
Average Weekly Earnings	\$213.87	\$232.13	\$256.50	\$232.86	\$240.22	\$246.63

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	80	7.95 *	CRAFT WORKERS & SUPERVISORS ..	120	11.93 **
Computer Programmer	10	0.99	Inspector	40	3.98
Industrial Engineer	14	1.39	Knitting Machine Fixer	11	1.09
MANAGERS & OFFICERS	78	7.75 *	Maintenance Repairer, Gen Utility	11	1.09
SALES WORKERS	19	1.89	Sample Maker	18	1.79
Sales Representative	19	1.89	Supervisor, Nonworking Exc Service	29	2.88
CLERICAL WORKERS	208	20.68 ***	OPERATIVES	476	47.32 *****
Accounting Clerk	14	1.39	Cutter, Portable Mach	28	2.78
Bookkeeper	11	1.09	Knitting Mach Oper	20	1.99
General Clerk	41	4.08	Looper	10	0.99
Key Punch/Data Entry Oper	17	1.69	Mach Presser, Drycleaning	15	1.49
Mail Clerk	10	0.99	Sewing Mach (Reg) Oper, Garment	223	22.17 ***
Order Clerk	22	2.19	Sewing Mach (Reg) Oper, Nongarment	104	10.34 **
Secretary	21	2.09	SERVICE WORKERS	19	1.89
			Janitor/Porter/Cleaner	19	1.89

1983-91 Growth Rate ... 3.57%

1984 New Hire Rate ... 76.16%

1991 Proj. Employment ... 580



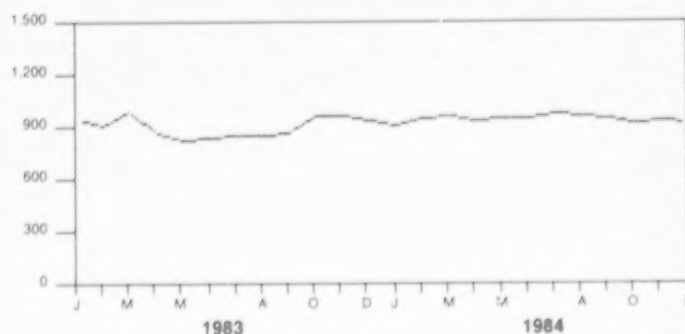
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	619	534	508	503	559	614
Number of Firms	12	12	13	13	14	15
Average Weekly Earnings	\$158.62	\$166.22	\$187.68	\$210.89	\$218.71	\$240.94

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	12	2.14	OPERATIVES	431	76.83 *****
MANAGERS & OFFICERS	15	2.67	Cutter, Portable Mach	15	2.67
CLERICAL WORKERS	28	4.99	Folding Mach Oper, Cloth	10	1.78
Payroll &/or Timekeeping Clerk	13	2.32	Marker, Cloth & Paper	11	1.96
CRAFT WORKERS & SUPERVISORS ..	34	6.06 *	Sewing Mach (Reg) Oper, Garment ..	301	53.65 *****
Inspector	12	2.14	Sewing Mach (Spec) Oper, Garment ..	35	6.24 *
Supervisor, Nonworking Exc Service ..	15	2.67	LABORERS EXCEPT FARM	32	5.70 *
			Work Distributor	26	4.63

1983-91 Growth Rate . . . 16.59%

1984 New Hire Rate . . . 59.50%

1991 Proj. Employment . . . 1.033



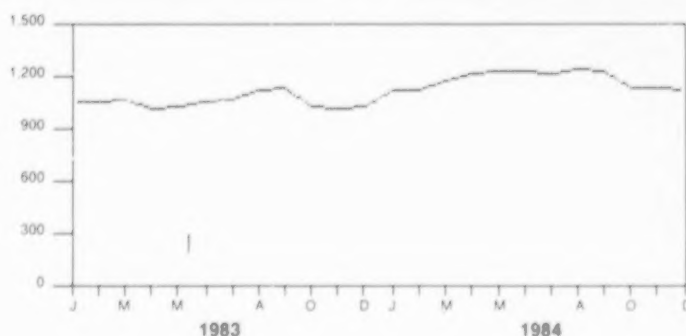
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	913	867	813	900	885	928
Number of Firms	11	12	14	13	11	12
Average Weekly Earnings	\$192.32	\$215.91	\$245.20	\$247.18	\$258.93	\$264.70

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	44	5.02 *	CRAFT WORKERS & SUPERVISORS . .	31	3.53
Accountant/Auditor	10	1.14	Supervisor, Nonworking Exc Service .	15	1.71
MANAGERS & OFFICERS	93	10.60 **	OPERATIVES	487	55.53 *****
SALES WORKERS	16	1.82	Bundler	14	1.60
Sales Representative	13	1.48	Cutter, Portable Mach	24	2.74
CLERICAL WORKERS	188	21.44 ***	Mach Presser, Drycleaning	10	1.14
Accounting Clerk	35	3.99	Production Packager	20	2.28
Bookkeeper	24	2.74	Sewing Mach (Reg) Oper, Garment . .	346	39.45 *****
Key Punch/Data Entry Oper	10	1.14	Sewing Mach (Spec) Oper, Garment . .	27	3.08
Order Clerk	17	1.94	SERVICE WORKERS	14	1.60
Secretary	44	5.02 *	Janitor/Porter/Cleaner	14	1.60
Statistical Clerk	17	1.94			

1983-91 Growth Rate . . . 40.04%

1984 New Hire Rate . . . 88.25%

1991 Proj. Employment . . . 1,504



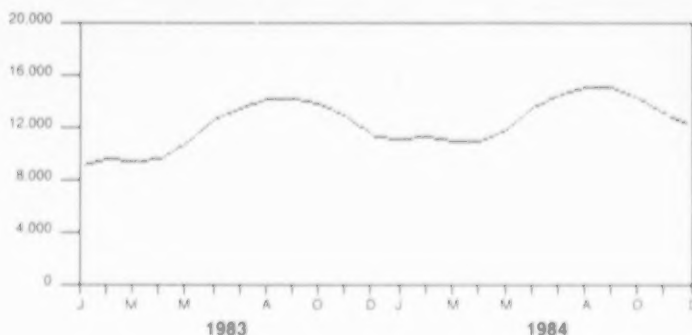
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,600	1,401	1,226	1,088	1,069	1,197
Number of Firms	71	71	78	79	72	72
Average Weekly Earnings	\$170.41	\$201.61	\$207.59	\$219.60	\$232.94	\$231.71

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	17	1.57	OPERATIVES (cont.)		
MANAGERS & OFFICERS	151	13.96 **	Hand Sewer	13	1.20
SALES WORKERS	39	3.60	Production Packager	12	1.11
Sales Representative	39	3.60	Screen or Stencil Printer/Setter	10	0.92
CLERICAL WORKERS	116	10.72 **	Sewing Mach (Reg) Oper, Garment	36	3.33
Accounting Clerk	15	1.39	Sewing Mach (Reg) Oper, Nongarment	231	21.35 ***
Bookkeeper	10	0.92	Sewing Mach (Spec) Oper, Nongarment	81	7.49 *
General Clerk	21	1.94	Shipping Packer	12	1.11
Order Clerk	11	1.02	Spreader, Cloth	11	1.02
Secretary	17	1.57	Thread Trimmer	19	1.76
CRAFT WORKERS & SUPERVISORS	52	4.81	Twister Tender	17	1.57
Inspector	21	1.94	Weaver	15	1.39
Supervisor, Nonworking Exc Service	12	1.11	SERVICE WORKERS	13	1.20
OPERATIVES	629	58.13 *****	Janitor/Porter/Cleaner	11	1.02
Cloth Printer	12	1.11	LABORERS EXCEPT FARM	65	6.01 *
Cutter, Hand	13	1.20	Order Filler	12	1.11
Cutter, Portable Mach	24	2.22	Work Distributor	15	1.39

1983-91 Growth Rate . . . 1.03%

1984 New Hire Rate . . . 124.00%

1991 Proj. Employment . . . 12,000



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	13,246	12,275	11,114	10,091	11,824	12,842
Number of Firms	1,383	1,350	1,341	1,262	1,243	1,288
Average Weekly Earnings	\$351.78	\$380.89	\$394.18	\$408.52	\$426.73	\$426.56

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	259	2.18	CRAFT WORKERS & SUPERVISORS (cont.)		
Accountant/Auditor	10	0.08	Hook Tender	398	3.35
Drafter	14	0.12	Loader Engineer	473	3.98
Forest Conservation Worker	81	0.68	Log Inspector/Grader/Scaler	87	0.73
Forester & Conservation Scientist	40	0.34	Supervisor, Nonworking Exc Service	182	1.53
Timber Cruiser	35	0.29	Tractor Operator	856	7.21 *
MANAGERS & OFFICERS	517	4.35	Yarder Engineer	536	4.51
SALES WORKERS	15	0.13	OPERATIVES	1,752	14.75 **
Sales Representative	15	0.13	Blaster Construction	12	0.10
CLERICAL WORKERS	400	3.37	Gas Station Attendant	12	0.10
Accounting Clerk	15	0.13	Head Sawyer	17	0.14
Bookkeeper	160	1.35	Log Handling Equip Oper	126	1.06
General Clerk	153	1.29	Oiler	19	0.16
Payroll &/or Timekeeping Clerk	10	0.08	Saw Filer	29	0.24
Secretary	21	0.18	Tire Changer	11	0.09
CRAFT WORKERS & SUPERVISORS	3,808	32.06 ****	Truck Driver	1,432	12.06 **
Aircraft Mechanic	74	0.62	Welder/Flamecutter	22	0.19
Automotive Mechanic	227	1.91	SERVICE WORKERS	147	1.24
Crane, Derrick & Hoist Operator	16	0.13	Guard/Doorkeeper	65	0.55
Diesel Mechanic	111	0.93	Janitor/Porter/Cleaner	20	0.17
Engineering Equip Mechanic	291	2.45			
Heavy Equipment Operator	504	4.24			

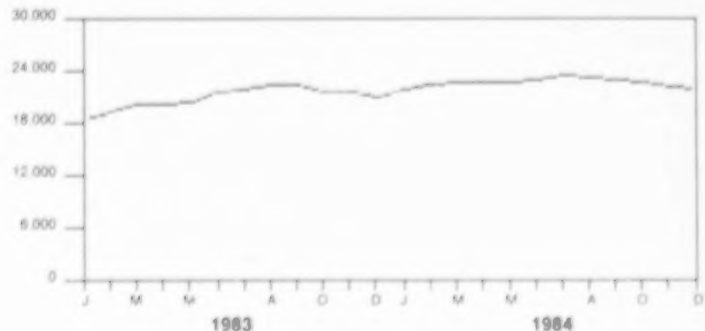
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
LABORERS EXCEPT FARM	4,872	41.02 *****	LABORERS EXCEPT FARM (cont.)		
Brush Cutter	11	0.09	Pond Worker	26	0.22
Chaser	709	5.97 *	Rigging Slinger	420	3.54
Choke Setter	1,409	11.86 **	Second Loader	57	0.48
Faller &/or Bucker	1,964	16.54 **	FARM WORKERS	107	0.90
Head Loader	96	0.81	Nursery or Greenhouse Worker	104	0.88
Helper, Trades	18	0.15			

1983-91 Growth Rate . . . -6.72%

1984 New Hire Rate . . . 60.27%

1991 Proj. Employment . . . 19,644



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	28,635	24,658	21,880	19,149	21,044	22,661
Number of Firms	387	372	355	324	308	315
Average Weekly Earnings	\$359.98	\$379.29	\$407.35	\$423.11	\$456.72	\$466.79

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	556	2.64	CLERICAL WORKERS (cont.)		
Accountant/Auditor	118	0.56	Key Punch/Data Entry Oper	28	0.13
Airplane Pilot	13	0.06	Payroll &/or Timekeeping Clerk	51	0.24
Biological Science Tech	10	0.05	Personnel Clerk	10	0.05
Civil Engineer	14	0.07	Production Clerk	29	0.14
Computer Programmer	18	0.09	Receptionist	18	0.09
Forest Conservation Worker	10	0.05	Secretary	142	0.67
Forester & Conservation Scientist	112	0.53	Shipping & Receiving Clerk	53	0.25
Industrial Engineer	12	0.06	Stock Clerk, Storeroom & Warehouse	35	0.17
Mechanical Engineer	25	0.12	Switchboard Oper./Receptionist	28	0.13
Nurse Professional	10	0.05	Typist/Word Processor	14	0.07
Personnel & Labor Relations Spec	48	0.23	CRAFT WORKERS & SUPERVISORS	4,453	21.13 ***
Systems Analyst, EDP	27	0.13	Automotive Mechanic	110	0.52
Timber Cruiser	39	0.19	Carpenter	81	0.38
MANAGERS & OFFICERS	830	3.94	Crane, Derrick & Hoist Operator	183	0.87
Purchasing Agent &/or Buyer	48	0.23	Diesel Mechanic	23	0.11
SALES WORKERS	188	0.89	Electrician	266	1.26
Sales Representative	188	0.89	Engineering Equip Mechanic	48	0.23
CLERICAL WORKERS	1,079	5.12 *	Heavy Equipment Operator	84	0.40
Accounting Clerk	170	0.81	Hook Tender	25	0.12
Bookkeeper	43	0.20	Inspector	59	0.28
Clerical Supervisor	13	0.06	Loader Engineer	16	0.08
Computer Operator	19	0.09	Log Inspector/Grader/Scaler	134	0.64
Counter	154	0.73	Lumber Grader	738	3.50
General Clerk	192	0.91			

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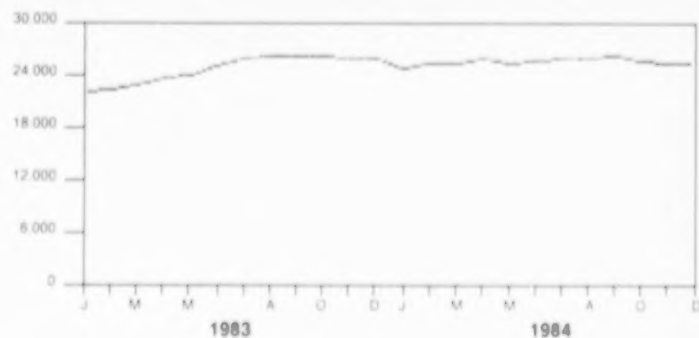
Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CRAFT WORKERS & SUPERVISORS (cont.)			OPERATIVES (cont.)		
Machine Setter (Woodworking)	123	0.58	Resawyer	304	1.44
Machinist	126	0.60	Ripsaw Oper	93	0.44
Maintenance Mechanic	926	4.39	Sander Wood	31	0.15
Maintenance Repairer, Gen Utility	298	1.41	Saw Filer	447	2.12
Millwright	56	0.27	Sawyer, Tail	25	0.12
Painter, Maintenance	12	0.06	Shipping Packer	36	0.17
Plumber &/or Pipefitter	54	0.26	Sorter Operator, Green Lumber	103	0.49
Stationary Engineer	88	0.42	Stationary Boiler Firer	181	0.86
Supervisor, Nonworking Exc Service	773	3.67	Transfer Controller	97	0.46
Tractor Operator	58	0.28	Trimmer	521	2.47
Veneer Grader	29	0.14	Truck Driver	417	1.98
Yarder Engineer	22	0.10	Variety Saw Oper	40	0.19
OPERATIVES	6,817	32.34 ****	Veneer Clipper, Automatic	19	0.09
Assembler	54	0.26	Veneer Lathe Oper	15	0.07
Barker Oper	291	1.38	Weilder, Flamecutter	78	0.37
Carrier Driver	203	0.96	Wood Working Mach Oper	40	0.19
Chipper, Log	189	0.90	SERVICE WORKERS	1,032	4.90
Conveyor Operator	53	0.25	Fire Fighter	18	0.09
Cut-Off Saw Oper	246	1.17	Guard/Doorkeeper	226	1.07
Cut-Off Sawyer, Log	111	0.53	Janitor/Porter/Cleaner	780	3.70
Gang Sawyer	47	0.22	LABORERS EXCEPT FARM	6,122	29.05 ***
Gas Station Attendant	15	0.07	Chain Offbearer	2,911	13.81 **
Gluer &/or Cementer, Hand	12	0.06	Chaser	36	0.17
Grinding/Abrading Mach Oper	26	0.12	Choke Setter	155	0.74
Head Sawyer	315	1.49	Faller &/or Bucker	127	0.60
Industrial Truck Operator	898	4.26	Helper, Trades	124	0.59
Kiln Oper, Lumber	61	0.29	Kiln Transfer Oper	33	0.16
Log Handling Equip Oper	342	1.62	Loader, Tank/Cars/Trucks	341	1.62
Machinist, Wood	38	0.18	Lumber Straightener	360	1.71
Oiler	141	0.67	Offbearer, Millwork	155	0.74
Planer Operator, Lumber	303	1.44	Pond Worker	217	1.03
Pony Edger	412	1.95	Rigging Slinger	36	0.17
Press Operator, Hardboard	18	0.09	Stacker Oper, Kiln	198	0.94
Production Packager	193	0.92			

243 MILLWORK/PLYWOOD/STRUCTURAL MEMBERS 243

1983-91 Growth Rate ... -7.21%

1984 New Hire Rate ... 39.49%

1991 Proj. Employment ... 23,000



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	32,060	26,668	25,041	21,893	24,779	25,618
Number of Firms	407	388	353	313	296	321
Average Weekly Earnings	\$345.90	\$378.57	\$394.39	\$404.30	\$424.57	\$436.73

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	759	3.06	CLERICAL WORKERS (cont.)		
Accountant/Auditor	164	0.66	Counter	70	0.28
Airplane Pilot	11	0.04	Dispatcher, Vehicle Service/Work	13	0.05
Civil Engineer	15	0.06	General Clerk	108	0.44
Computer Programmer	70	0.28	Key Punch/Data Entry Oper	87	0.35
Drafter	35	0.14	Order Clerk	19	0.08
Forester & Conservation Scientist	61	0.25	Payroll &/or Timekeeping Clerk	65	0.26
Industrial Engineer	22	0.09	Personnel Clerk	12	0.05
Lawyer	10	0.04	Procurement Clerk	16	0.06
Mechanical Engineer	38	0.15	Production Clerk	111	0.45
Personnel & Labor Relations Spec	76	0.31	Receptionist	22	0.09
Systems Analyst, EDP	44	0.18	Secretary	249	1.00
Tester	50	0.20	Shipping & Receiving Clerk	80	0.32
Timber Cruiser	32	0.13	Statistical Clerk	10	0.04
MANAGERS & OFFICERS	1,103	4.45	Stock Clerk, Storeroom & Warehouse	80	0.32
Contract Administrator	11	0.04	Switchboard Oper/Receptionist	45	0.18
Purchasing Agent &/or Buyer	120	0.48	Typist/Word Processor	34	0.14
SALES WORKERS	283	1.14	CRAFT WORKERS & SUPERVISORS ..	4,478	18.07 **
Sales Representative	275	1.11	Automotive Mechanic	76	0.31
CLERICAL WORKERS	1,581	6.38 *	Cabinet Maker	213	0.86
Accounting Clerk	252	1.02	Carpenter	125	0.50
Bookkeeper	114	0.46	Crane, Derrick & Hoist Operator	43	0.17
Clerical Supervisor	43	0.17	Diesel Mechanic	18	0.07
Computer Operator	49	0.20	Electric Motor Repairer	12	0.05
Cost Estimator	17	0.07			

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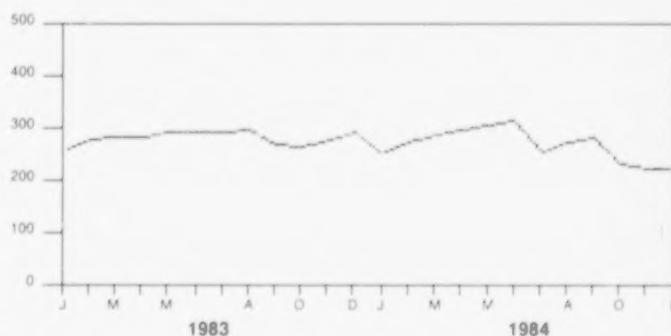
243 MILLWORK/PLYWOOD/STRUCTURAL MEMBERS 243

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CRAFT WORKERS & SUPERVISORS (cont.)			OPERATIVES (cont.)		
Electrician	250	1.01	Planer Operator, Lumber	14	0.06
Engineering Equip. Mechanic	18	0.07	Pony Edger	13	0.05
Glazier	30	0.12	Power Screw Driver Oper	11	0.04
Heavy Equipment Operator	36	0.15	Production Packager	241	0.97
Inspector	59	0.24	Resawyer	31	0.13
Log Inspector/Grader/Scaler	40	0.16	Ripsaw Oper	120	0.48
Lumber Grader	152	0.61	Rubber Furniture	14	0.06
Machine Setter (Woodworking)	101	0.41	Sander Wood	122	0.49
Machinist	64	0.26	Saw Filer	39	0.16
Maintenance Mechanic	713	2.88	Shaper &/or Router Oper	122	0.49
Maintenance Repairer, Gen. Utility	80	0.32	Shipping Packer	12	0.05
Millwright	45	0.18	Sorter Operator, Green Lumber	23	0.09
Plumber &/or Pipefitter	40	0.16	Stationary Boiler Firer	155	0.63
Press Operator &/or Plate Printer	16	0.06	Tenoner Oper	46	0.19
Stationary Engineer	13	0.05	Trimmer	50	0.20
Supervisor, Nonworking Exc. Service	962	3.88	Truck Driver	409	1.65
Tractor Operator	36	0.15	Variety Saw Oper	72	0.29
Veneer Grader	1,237	4.99	Veneer Clipper, Automatic	328	1.32
OPERATIVES	10,617	42.85 *****	Veneer Drier	246	0.99
Assembler	680	2.74	Veneer Jointer Oper	112	0.45
Barker Oper	103	0.42	Veneer Lathe Oper	228	0.92
Boring Machine Op. Wood	17	0.07	Veneer Repairer, Hand	629	2.54
Chipper, Log	141	0.57	Veneer Repairer, Mach	1,019	4.11
Conveyor Operator	24	0.10	Veneer Sander	136	0.55
Core Feeder, Plywood	543	2.19	Welder/Flamecutter	43	0.17
Core Layer &/or Sheet Turner	916	3.70	Wood Working Mach Oper	148	0.60
Cut-Off Saw Oper	340	1.37	SERVICE WORKERS	545	2.20
Cut-Off Sawyer, Log	100	0.40	Food Service Worker	10	0.04
Edge Gluer	167	0.67	Guard/Doorkeeper	82	0.33
Gluing Machine Oper	42	0.17	Janitor/Porter/Cleaner	452	1.82
Grinding/Abrading Mach Oper	60	0.24	LABORERS EXCEPT FARM	5,412	21.84 ***
Head Sawyer	11	0.04	Bull Chain Operator	11	0.04
Hot Plate Plywood Press Oper	355	1.43	Chain Offbearer	1,872	7.55
Hydraulic Press Oper, Veneer	40	0.16	Choke Setter	29	0.12
Industrial Truck Operator	1,254	5.06	Faller &/or Bucker	15	0.06
Log Handling Equip Oper	168	0.68	Helper, Trades	53	0.21
Machinist, Wood	40	0.16	Loader, Tank/Cars/Trucks	136	0.55
Mixer/Blender, Chemical	108	0.44	Lumber Straightener	32	0.13
Nail Making Oper	136	0.55	Offbearer Millwork	699	2.82
Oiler	69	0.28	Order Filler	21	0.08
Painter, Production	124	0.50	Pond Worker	138	0.56
Pattern Marker I (Wood)	13	0.05	Veneer Drier Feeder	767	3.10

1983-91 Growth Rate ... 44.41%

1984 New Hire Rate ... 182.49%

1991 Proj. Employment ... 413



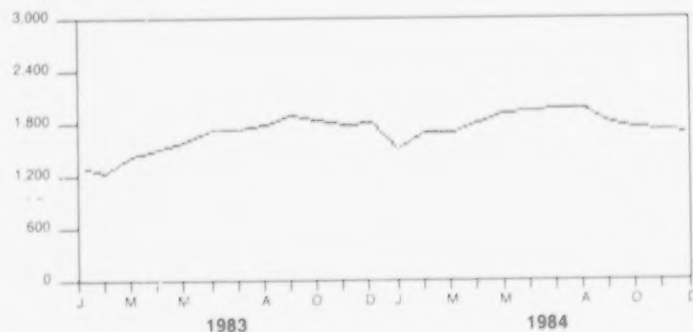
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	405	301	280	207	283	269
Number of Firms	26	26	24	21	24	23
Average Weekly Earnings	\$168.70	\$193.91	\$205.45	\$239.54	\$227.25	\$232.48

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	11	3.93	OPERATIVES (cont.)		
CLERICAL WORKERS	13	4.64	Truck Driver	18	6.43 *
CRAFT WORKERS & SUPERVISORS ..	25	8.93 *	Wood Working Mach Oper	28	10.00 **
OPERATIVES	165	58.93 *****	LABORERS EXCEPT FARM	54	19.29 **
Industrial Truck Operator	12	4.29	Chain Offbearer	14	5.00 *
Nail Making Oper	37	13.21 **	Offbearer Millwork	21	7.50 *
Trimmer	15	5.36 *			

1983-91 Growth Rate ... 101.22%

1984 New Hire Rate ... 71.34%

1991 Proj. Employment ... 3,300



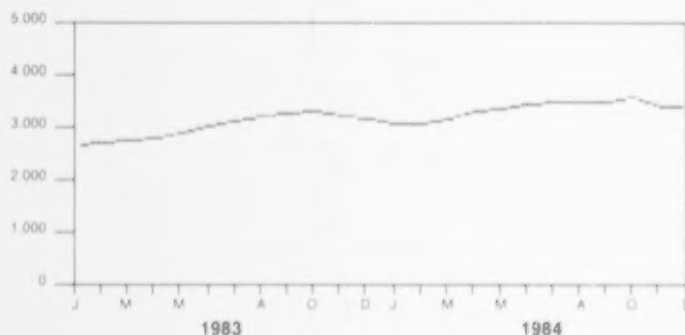
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	3,219	2,321	2,100	1,460	1,638	1,794
Number of Firms	35	35	37	32	25	25
Average Weekly Earnings	\$268.50	\$277.56	\$289.80	\$312.86	\$341.82	\$323.48

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	19	1.16	CRAFT WORKERS & SUPERVISORS (cont.)		
MANAGERS & OFFICERS	94	5.74 *	Mobile Home Repairer	19	1.16
Purchasing Agent &/or Buyer	19	1.16	Plumber &/or Pipefitter	22	1.34
SALES WORKERS	43	2.63	Supervisor, Nonworking Exc Service	76	4.64
Sales Representative	43	2.63	OPERATIVES	1,042	63.61 *****
CLERICAL WORKERS	85	5.15 *	Assembler	781	47.68 *****
Accounting Clerk	10	0.61	Industrial Truck Operator	40	2.44
Secretary	15	0.92	Machinist, Wood	20	1.22
CRAFT WORKERS & SUPERVISORS ..	289	17.64 **	Pwr Brk &/or Bending Mach Oper	15	0.92
Cabinet Maker	72	4.40	Truck Driver	33	2.01
Carpenter	19	1.16	Variety Saw Oper	31	1.89
Electrician	32	1.95	Welder/Flamecutter	38	2.32
Inspector	22	1.34	SERVICE WORKERS	16	0.98
Maintenance Mechanic	15	0.92	LABORERS EXCEPT FARM	50	3.05

1983-91 Growth Rate ... 25.16%

1984 New Hire Rate ... 68.09%

1991 Proj. Employment ... 3,826



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	3,676	3,344	3,298	2,924	3,050	3,388
Number of Firms	128	126	132	139	134	140
Average Weekly Earnings	\$314.49	\$336.45	\$361.80	\$378.44	\$423.17	\$438.08

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	74	2.43	CRAFT WORKERS & SUPERVISORS (cont.)		
Accountant/Auditor	12	0.39	Stationary Engineer	12	0.39
Mechanical Engineer	13	0.43	Supervisor, Nonworking Exc Service	125	4.10
Tester	16	0.52	Veneer Grader	20	0.66
MANAGERS & OFFICERS	167	5.48 *	OPERATIVES	1,367	44.82 *****
Purchasing Agent &/or Buyer	15	0.49	Assembler	32	1.05
SALES WORKERS	73	2.39	Boring Machine Op, Wood	17	0.56
Sales Representative	73	2.39	Carving Mach Oper	25	0.82
CLERICAL WORKERS	190	6.23 *	Cut-Off Saw Oper	81	2.66
Accounting Clerk	12	0.39	Fourdriner Mach Tender	13	0.43
Bookkeeper	18	0.59	Industrial Truck Operator	245	8.03 *
Counter	11	0.36	Log Handling Equip Oper	24	0.79
General Clerk	57	1.87	Machinist, Wood	24	0.79
Secretary	42	1.38	Mixer/Blender, Chemical	12	0.39
Shipping & Receiving Clerk	10	0.33	Oiler	10	0.33
Stock Clerk, Storeroom & Warehouse	15	0.49	Painter, Production	67	2.20
CRAFT WORKERS & SUPERVISORS ..	573	18.79 **	Press Operator, Hardboard	27	0.89
Cabinet Maker	17	0.56	Production Packager	103	3.38
Electrician	51	1.67	Ripsaw Oper	31	1.02
Heavy Equipment Operator	18	0.59	Sander Wood	42	1.38
Inspector	36	1.18	Shipping Packer	20	0.66
Lumber Grader	24	0.79	Stationary Boiler Firer	11	0.36
Machine Setter (Woodworking)	12	0.39	Treating Engineer	23	0.75
Maintenance Mechanic	143	4.69	Trimmer	23	0.75
Maintenance Repairer, Gen Utility	78	2.56			

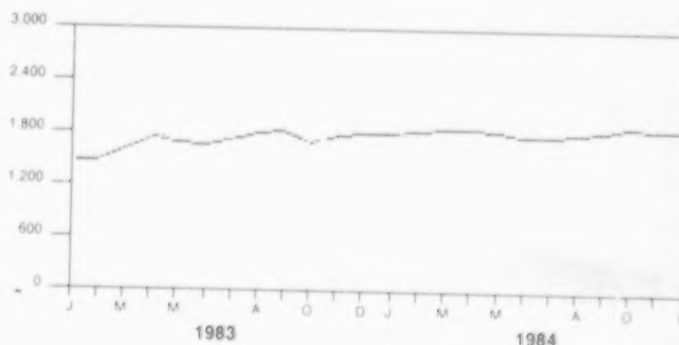
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
OPERATIVES (cont.)			LABORERS EXCEPT FARM	492	16.13 **
Truck Driver	25	0.82	Chain Offbearer	24	0.79
Variety Saw Oper	51	1.67	Helper, Trades	12	0.39
Veneer Sander	19	0.62	Loader, Tank/Cars/Trucks	78	2.56
Wood Working Mach Oper	30	0.98	Offbearer Millwork	89	2.92
SERVICE WORKERS	114	3.74			
Janitor/Porter/Cleaner	109	3.57			

1983-91 Growth Rate ... 6.80%

1984 New Hire Rate ... 71.98%

1991 Proj. Employment ... 1,821



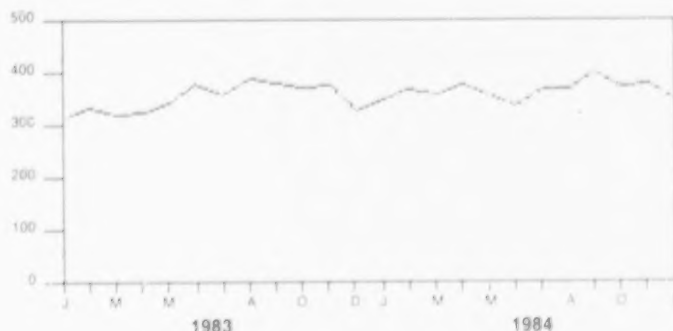
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,943	1,739	1,728	1,508	1,702	1,838
Number of Firms	74	72	68	68	63	70
Average Weekly Earnings	\$196.13	\$204.61	\$227.29	\$245.98	\$250.83	\$257.49

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	12	0.70	OPERATIVES (cont.)		
MANAGERS & OFFICERS	88	5.17 *	Industrial Truck Operator	30	1.76
SALES WORKERS	73	4.29	Lathe Oper. Wood	21	1.23
Sales Representative	69	4.05	Machinist, Wood	57	3.35
CLERICAL WORKERS	131	7.69 *	Painter, Production	23	1.35
Accounting Clerk	13	0.76	Production Packager	52	3.05
Bookkeeper	14	0.82	Ripsaw Oper	31	1.82
General Clerk	19	1.12	Sander Wood	62	3.64
Secretary	10	0.59	Sewing Mach (Reg) Oper. Nongarment	123	7.22 *
Shipping & Receiving Clerk	13	0.76	Sewing Mach (Spec) Oper. Nongarment	19	1.12
CRAFT WORKERS & SUPERVISORS ..	413	24.25 ***	Shipping Packer	14	0.82
Machine Setter (Woodworking)	13	0.76	Tenoner Oper	10	0.59
Maintenance Mechanic	11	0.65	Truck Driver	39	2.29
Mattress Maker	16	0.94	Variety Saw Oper	17	1.00
Springer, Furniture	52	3.05	Wood Working Mach Oper	14	0.82
Supervisor, Nonworking Exc Service	47	2.76	SERVICE WORKERS	26	1.53
Upholsterer	178	10.45 **	Guard/Doorkeeper	14	0.82
Upholstery Cutter	33	1.94	Janitor/Porter/Cleaner	11	0.65
OPERATIVES	814	47.80 *****	LABORERS EXCEPT FARM	146	8.57 *
Assembler	119	6.99 *	Chain Offbearer	22	1.29
Cut-Off Saw Oper	27	1.59	Offbearer Millwork	68	3.99
Gluing Machine Oper	12	0.70			

1983-91 Growth Rate . . . 72.63%

1984 New Hire Rate . . . 92.98%

1991 Proj. Employment . . . 618



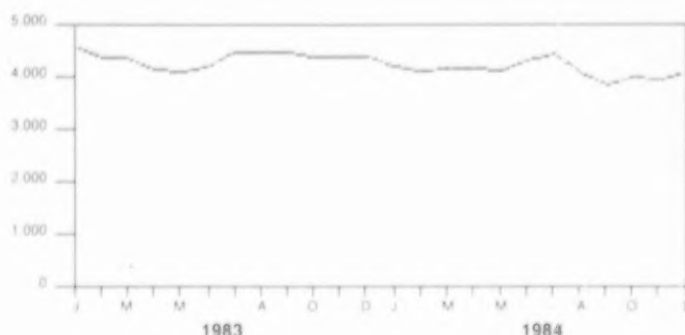
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	647	525	470	401	355	367
Number of Firms	37	37	39	35	21	20
Average Weekly Earnings	\$301.19	\$335.65	\$350.66	\$376.41	\$352.83	\$381.74

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	11	3.04	OPERATIVES	142	39.23 ****
MANAGERS & OFFICERS	26	7.18 *	Assembler	35	9.67 *
SALES WORKERS	15	4.14	Laminating Mach Oper, Furniture	12	3.31
Sales Representative	15	4.14	Machinist, Wood	19	5.25 *
CLERICAL WORKERS	31	8.56 *	LABORERS EXCEPT FARM	24	6.63 *
Bookkeeper	12	3.31	Helper, Trades	16	4.42
CRAFT WORKERS & SUPERVISORS ..	107	29.56 ***			
Cabinet Maker	89	24.59 ***			

1983-91 Growth Rate . . . 2.89%

1984 New Hire Rate . . . 17.51%

1991 Proj. Employment . . . 4,522



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,886	5,097	5,025	4,740	4,395	4,144
Number of Firms	13	14	13	13	12	12
Average Weekly Earnings	\$470.97	\$504.79	\$563.40	\$602.32	\$624.02	\$725.30

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	370	8.42 *	CRAFT WORKERS & SUPERVISORS . . .	1,011	23.00 ***
Accountant/Auditor	81	1.84	Automotive Mechanic	16	0.36
Chemical Engineer	27	0.61	Crane, Derrick & Hoist Operator . . .	15	0.34
Computer Programmer	16	0.36	Electrician	111	2.53
Mechanical Engineer	38	0.86	Heavy Equipment Operator	10	0.23
Personnel & Labor Relations Spec . . .	27	0.61	Inspector	25	0.57
Systems Analyst, EDP	21	0.48	Instrument Mechanic	57	1.30
Tester	84	1.91	Machine Set-Up Oper, Paper Goods . .	32	0.73
MANAGERS & OFFICERS	283	6.44 *	Machinist	36	0.82
Purchasing Agent &/or Buyer	36	0.82	Maintenance Mechanic	262	5.96 *
SALES WORKERS	28	0.64	Maintenance Repairer, Gen Utility . .	24	0.55
Sales Representative	28	0.64	Millwright	11	0.25
CLERICAL WORKERS	375	8.53 *	Painter, Maintenance	34	0.77
Accounting Clerk	37	0.84	Plumber &/or Pipefitter	77	1.75
Computer Operator	12	0.27	Stationary Engineer	15	0.34
File Clerk	22	0.50	Supervisor, Nonworking Exc Service . .	248	5.64 *
Key Punch/Data Entry Oper	33	0.75	OPERATIVES	1,858	42.28 *****
Order Clerk	22	0.50	Back Tender	112	2.55
Production Clerk	29	0.66	Bag Mach Oper	10	0.23
Secretary	79	1.80	Beater	40	0.91
Shipping & Receiving Clerk	11	0.25	Beater Engineer	23	0.52
Stenographer	15	0.34	Bleacher, Groundwood Pulp	36	0.82
Stock Clerk, Storeroom & Warehouse . .	31	0.71	Brown-Stock Washer/Blow-Pit Tend . .	11	0.25
Typist/Word Processor	15	0.34			

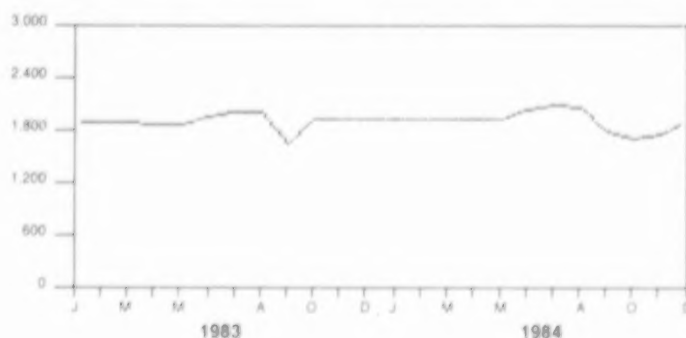
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
OPERATIVES (cont.)			OPERATIVES (cont.)		
Chemical Operator A	22	0.50	Paper Reel/Rewinder Oper	129	2.94
Coating Mixer Tender	15	0.34	Production Packager	182	4.14
Conveyor Operator	26	0.59	Pulp Refiner Oper	29	0.66
Core Winding Operator	96	2.18	Pulper	63	1.43
Cutter, Machine	79	1.80	Recovery Oper, Papermaking	41	0.93
Digester Oper Helper	31	0.71	Stationary Boiler Firer	28	0.64
Digester Oper or Cook	28	0.64	Super Calendar Oper	15	0.34
Folding Mach Oper, Paper	72	1.64	Welder/Flamecutter	25	0.57
Fourdrinier Mach Tender	101	2.30	Wood Grinder Operator	59	1.34
Fourth/Fifth Hand	181	4.12	SERVICE WORKERS	65	1.48
Grinding/Abrading Mach Oper	10	0.23	Janitor/Porter/Cleaner	57	1.30
Industrial Truck Operator	167	3.80	LABORERS EXCEPT FARM	405	9.22
Mixer/Blender, Chemical	25	0.57	Decker Operator	15	0.34
Oiler	64	1.46	Order Filler	11	0.25

1983-91 Growth Rate ... 4.99%

1984 New Hire Rate ... 8.98%

1991 Proj. Employment ... 2,020



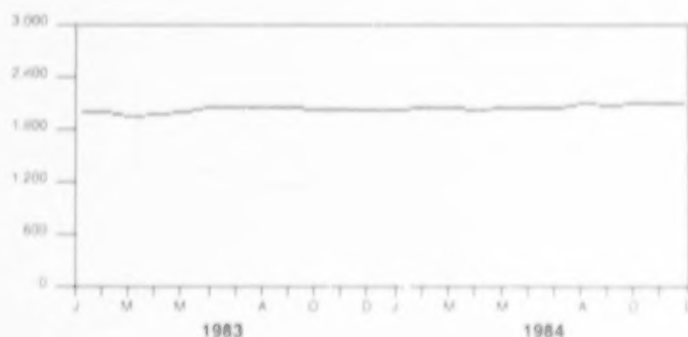
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,807	2,034	2,044	1,958	1,924	1,939
Number of Firms	7	7	7	6	6	6
Average Weekly Earnings	\$514.86	\$522.75	\$559.61	\$591.30	\$610.23	\$672.70

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	154	7.96 *	OPERATIVES (cont.)		
Accountant/Auditor	15	0.78	Brown-Stock Washer/Blow-Pit Tend	13	0.67
Chemical Engineer	15	0.78	Chemical Operator A	16	0.83
Mechanical Engineer	21	1.09	Chemical Operator B	16	0.83
Tester	51	2.64	Core Winding Operator	41	2.12
MANAGERS & OFFICERS	82	4.24	Digester Oper Helper	12	0.62
CLERICAL WORKERS	174	9.00 *	Digester Oper or Cook	28	1.45
Accounting Clerk	24	1.24	Evaporator Oper, Papermaking	12	0.62
Clerical Supervisor	13	0.67	Fourdriner Mach Tender	48	2.48
Secretary	24	1.24	Fourth/Fifth Hand	79	4.08
Stock Clerk, Storeroom & Warehouse	25	1.29	Industrial Truck Operator	72	3.72
Weigher	12	0.62	Oiler	27	1.40
CRAFT WORKERS & SUPERVISORS ..	581	30.04 ****	Pulper	49	2.53
Electrician	65	3.36	Recovery Oper, Papermaking	59	3.05
Heavy Equipment Operator	21	1.09	Stationary Boiler Firer	20	1.03
Instrument Mechanic	47	2.43	Welder/Flamecutter	12	0.62
Machinist	12	0.62	SERVICE WORKERS	45	2.33
Maintenance Mechanic	164	8.48 *	Guard/Doorkeeper	17	0.88
Painter, Maintenance	20	1.03	Janitor/Porter/Cleaner	27	1.40
Plumber &/or Pipefitter	75	3.88	LABORERS EXCEPT FARM	221	11.43 **
Supervisor, Nonworking Exc Service	119	6.15 *	Helper, Trades	12	0.62
OPERATIVES	673	34.80 ****	Loader, Tank/Cars/Trucks	16	0.83
Back Tender	44	2.28			
Bag Mach Oper	24	1.24			
Beater Engineer	16	0.83			

1983-91 Growth Rate . . . 1.19%

1984 New Hire Rate . . . 24.61%

1991 Proj. Employment . . . 2,045



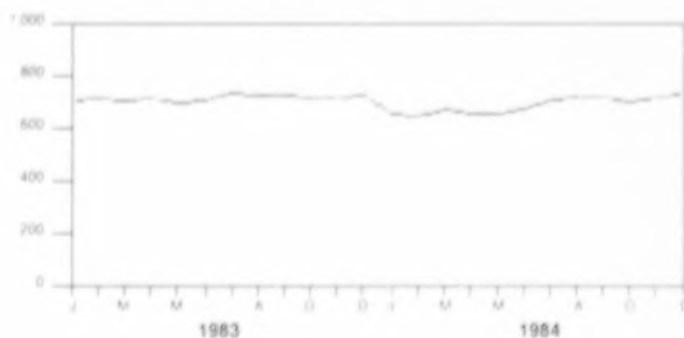
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,878	2,030	2,088	1,996	2,019	2,073
Number of Firms	18	16	19	20	21	24
Average Weekly Earnings	\$343.34	\$356.87	\$384.73	\$414.82	\$454.85	\$489.10

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	120	5.93 *	OPERATIVES	963	47.60 *****
Accountant/Auditor	11	0.54	Bag Mach Oper	90	4.45
Commercial Artist	14	0.69	Baling Mach Oper	21	1.04
Industrial Engineer	12	0.59	Coater Operator, Off-Machine	29	1.43
Tester	48	2.37	Combiner Operator	15	0.74
MANAGERS & OFFICERS	99	4.89	Cutter, Machine	37	1.83
SALES WORKERS	32	1.58	Die Cutter &/or Clicking Mach Op	24	1.19
Sales Representative	32	1.58	Envelope Finishing Mach Oper	16	0.79
CLERICAL WORKERS	205	10.13 **	Envelope Mach Oper	50	2.47
Accounting Clerk	15	0.74	Oper Helper, Plastic/Rub	18	0.89
Clerical Supervisor	11	0.54	Extruder Oper, Plastics/Rubber	18	0.89
General Clerk	13	0.64	Folding Mach Feeder	10	0.49
Order Clerk	35	1.73	Folding Mach Oper, Paper	11	0.54
Production Clerk	20	0.99	Industrial Truck Operator	61	3.02
Secretary	18	0.89	Mixer/Blender, Chemical	20	0.99
Shipping & Receiving Clerk	20	0.99	Paper Reel/Rewinder Oper	33	1.63
Typist/Word Processor	10	0.49	Production Packager	226	11.17 **
CRAFT WORKERS & SUPERVISORS	392	19.38 **	Ruling Mach Oper	21	1.04
Inspector	11	0.54	Sitting Mach Oper	66	3.26
Machine Set-Up Oper, Paper Goods	72	3.56	Truck Driver	25	1.24
Maintenance Mechanic	63	3.11	Waxing Mach Oper	10	0.49
Maintenance Repairer, Gen Utility	22	1.09	Wet Mach Tender	10	0.49
Platemaker	10	0.49	SERVICE WORKERS	18	0.89
Press Operator &/or Plate Printer	77	3.81	LABORERS EXCEPT FARM	194	9.59 *
Supervisor, Nonworking Exc Service	99	4.89	Helper, Trades	81	4.00
			Order Filler	13	0.64

1983-91 Growth Rate . . . 4.16%

1984 New Hire Rate . . . 49.71%

1991 Proj. Employment . . . 752



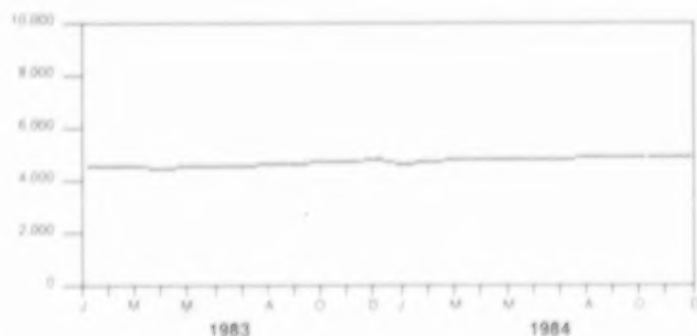
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	784	780	789	740	721	689
Number of Firms	14	15	16	17	17	17
Average Weekly Earnings	\$354.09	\$398.98	\$422.39	\$463.68	\$461.78	\$501.99

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	24	3.26	OPERATIVES	352	47.83 *****
MANAGERS & OFFICERS	45	5.11 *	Convolute Tube/Spiral Tube Winder	10	1.36
SALES WORKERS	31	4.21	Corrugator Oper	19	2.58
Sales Representative	31	4.21	Die Cutter &/or Clicking Mach Op	15	2.04
CLERICAL WORKERS	74	10.05 **	Flexo Folder Gluer	28	3.80
CRAFT WORKERS & SUPERVISORS . .	124	16.85 **	Industrial Truck Operator	34	4.62
Maintenance Mechanic	13	1.77	Printer Slotter Oper	16	2.17
Maintenance Repairer, Gen Utility	16	2.17	Production Packager	59	8.02 *
Press Operator &/or Plate Printer	29	3.94	Slitter/Creaser/Slotter Oper	13	1.77
Supervisor, Nonworking Exc Service	29	3.94	Taping Mach Oper	15	2.04
			Truck Driver	18	2.45
			LABORERS EXCEPT FARM	82	11.14 **

1983-91 Growth Rate . . . 11.64%

1984 New Hire Rate . . . 59.56%

1991 Proj. Employment . . . 5,200



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	5,150	5,061	5,120	4,978	4,655	4,873
Number of Firms	131	128	129	122	111	110
Average Weekly Earnings	\$225.08	\$252.64	\$274.00	\$296.79	\$317.94	\$334.34

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	974	20.96 ***	CLERICAL WORKERS (cont.)		
Accountant/Auditor	16	0.34	Payroll &/or Timekeeping Clerk	13	0.28
Commercial Artist	44	0.95	Photo Typesetting Mach Key	59	1.27
Photographer, News	71	1.53	Production Clerk	35	0.75
Reporter/Correspondent	551	11.85 **	Proofreader, Compos Room	46	0.99
Writer &/or Editor	254	5.46 *	Secretary	49	1.05
MANAGERS & OFFICERS	294	6.33 *	Switchboard Oper./Receptionist	21	0.45
SALES WORKERS	420	9.04 *	Switchboard Oper	13	0.28
Sales Clerk	14	0.30	Telephone Ad Taker, Newspaper	172	3.70
Sales Representative	359	7.72 *	Typist/Word Processor	106	2.28
CLERICAL WORKERS	1,313	28.25 ***	CRAFT WORKERS & SUPERVISORS	902	19.41 **
Accounting Clerk	61	1.31	Bindery Worker, Assembly	21	0.45
Bookkeeper	71	1.53	Bookbinder, Machine	13	0.28
Bookkeeping & Billing Mach Oper	11	0.24	Camera Operator	65	1.40
Circulation Clerk	119	2.41	Electrician	13	0.28
Classified-Ad Clerk	45	0.97	Imposer & Make-Up Arranger	15	0.32
Clerical Supervisor	30	0.65	Letter Press Operator	19	0.41
Computer Operator	19	0.41	Linecasting Mach Oper	11	0.24
Credit Reference Clerk	18	0.39	Machinist	14	0.30
File Clerk	14	0.30	Offset Lithographic Press Oper	290	6.24 *
General Clerk	91	1.96	Photo Typesetter Operator	104	2.24
Inserting &/or Labeling Mach Oper	44	0.95	Photo Typesetting Monitor	13	0.28
Mailer	101	2.17	Platemaker	21	0.45
Mark-Up Worker	27	0.58	Stripper	23	0.49
Messenger	42	0.90	Supervisor, Nonworking Exc Service	170	3.66
Order Clerk	41	0.88			

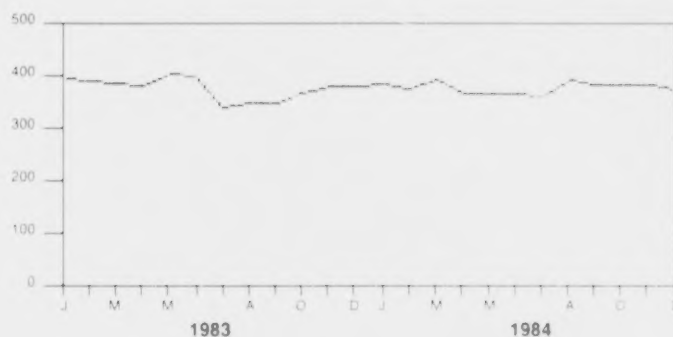
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1983			1983		
Occupation	Employment	Percent	Occupation	Employment	Percent
OPERATIVES	628	13.51 **	SERVICE WORKERS	28	0.60
Delivery Driver & Route Worker	177	3.81	Janitor/Porter/Cleaner	26	0.60
Paste-Up Copy-Camera Operator	247	5.31 *	LABORERS EXCEPT FARM	89	1.91
Press Assistant/Feeder	42	0.90			
Production Packager	110	2.37			
Shipping Packer	31	0.67			

1983-91 Growth Rate . . . -69.41%

1984 New Hire Rate . . . 91.39%

1991 Proj. Employment . . . 115



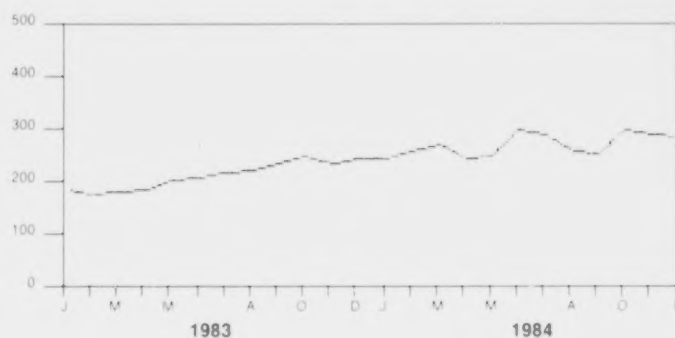
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	192	185	181	192	374	377
Number of Firms	38	37	41	43	45	40
Average Weekly Earnings	\$253.41	\$290.54	\$302.46	\$320.26	\$311.36	\$365.14

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	96	25.67 ***	CLERICAL WORKERS (cont.)		
Commercial Artist	21	5.61 *	Circulation Clerk	29	7.75 *
Writer &/or Editor	58	15.51 **	General Clerk	21	5.61 *
MANAGERS & OFFICERS	43	11.50 **	Photo Typesetting Mach Key	28	7.49 *
SALES WORKERS	20	5.35 *	Typist/Word Processor	14	3.74
Sales Representative	20	5.35 *	CRAFT WORKERS & SUPERVISORS . .	20	5.35 *
CLERICAL WORKERS	172	45.99 *****	OPERATIVES	23	6.15 *
Accounting Clerk	21	5.61 *	Paste-Up Copy-Camera Operator	23	6.15 *
Bookkeeper	20	5.35 *			

1983-91 Growth Rate . . . -37.50%

1984 New Hire Rate . . . 218.36%

1991 Proj. Employment . . . 135



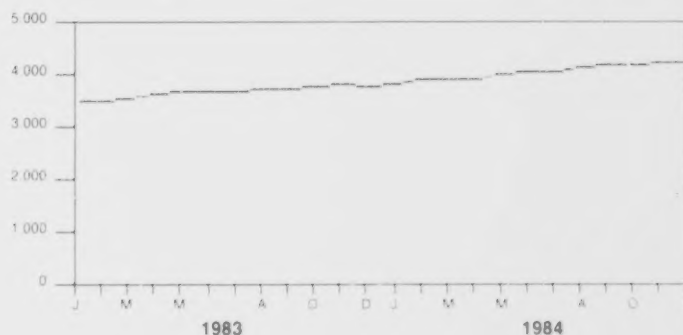
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	199	169	209	211	216	273
Number of Firms	27	30	29	28	32	35
Average Weekly Earnings	\$188.40	\$250.90	\$264.39	\$250.55	\$247.35	\$251.84

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	18	8.41 *	CRAFT WORKERS & SUPERVISORS . .	47	21.96 ***
Writer &/or Editor	12	5.61 *	Bindery Worker, Assembly	13	6.07 *
MANAGERS & OFFICERS	14	6.54 *	Offset Lithographic Press Oper	11	5.14 *
SALES WORKERS	36	16.82 **	Photo Typesetter Operator	10	4.67
Sales Representative	36	16.82 **	OPERATIVES	35	16.36 **
CLERICAL WORKERS	62	28.97 ***	Paste-Up Copy-Camera Operator	17	7.94 *
Accounting Clerk	10	4.67	Production Packager	13	6.07 *
Telephone Ad Taker, Newspaper	11	5.14 *			
Typist/Word Processor	10	4.67			

1983-91 Growth Rate . . . 13.36%

1984 New Hire Rate . . . 81.02%

1991 Proj. Employment . . . 4200



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	3,296	3,399	3,370	3,372	3,690	4,058
Number of Firms	315	332	344	356	351	367
Average Weekly Earnings	\$283.48	\$310.53	\$340.26	\$354.03	\$345.36	\$369.06

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	94	2.54	CRAFT WORKERS & SUPERVISORS . .	1,826	49.32 *****
Commercial Artist	34	0.92	Bindery Mach Set-Up	13	0.35
Designer	12	0.32	Bindery Worker, Assembly	190	5.13 *
MANAGERS & OFFICERS	354	9.56 *	Bindery Worker, Stitching	74	2.00
Purchasing Agent &/or Buyer	19	0.51	Bookbinder, Hand	11	0.30
SALES WORKERS	208	5.62 *	Bookbinder, Machine	126	3.40
Sales Representative	207	5.59 *	Camera Operator	134	3.62
CLERICAL WORKERS	660	17.83 **	Hand Compositor	25	0.68
Accounting Clerk	42	1.13	Inspector	32	0.86
Bookkeeper	112	3.03	Letter Press Operator	153	4.13
Clerical Supervisor	12	0.32	Linecasting Mach Oper	20	0.54
Duplicating Machine Operator	46	1.24	Maintenance Repairer, Gen Utility	18	0.49
Estimator, Printing Service	21	0.57	Offset Lithographic Press Oper	575	15.53 **
General Clerk	81	2.19	Photo Typesetter Operator	51	1.38
Key Punch/Data Entry Oper	10	0.27	Platemaker	65	1.76
Mailer	11	0.30	Press Operator &/or Plate Printer	21	0.57
Photo Typesetting Mach Key	18	0.49	Steel Die Press Operator	41	1.11
Production Clerk	27	0.73	Stripper	124	3.35
Proofreader, Compos Room	11	0.30	Supervisor, Nonworking Exc Service	39	1.05
Receptionist	14	0.38	OPERATIVES	449	12.13 **
Secretary	73	1.97	Cutter, Machine	12	0.32
Shipping & Receiving Clerk	52	1.40	Delivery Driver & Route Worker	41	1.11
Stock Clerk, Storeroom & Warehouse	11	0.30	Etcher &/or Engraver Mach Oper	13	0.35
Typist/Word Processor	35	0.95	Layboy Tender	22	0.59

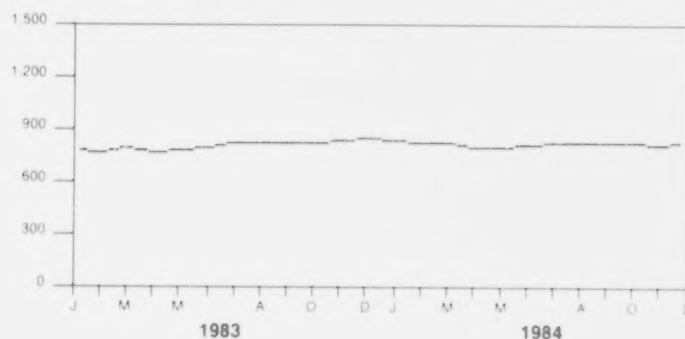
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
OPERATIVES (cont.)			SERVICE WORKERS	78	2.11
Paste-Up Copy-Camera Operator	46	1.24	Janitor/Porter/Cleaner	69	1.86
Press Assistant/Feeder	94	2.54	LABORERS EXCEPT FARM	33	0.89
Production Packager	11	0.30			
Screen or Stencil Printer/Setter	51	1.38			
Truck Driver	14	0.38			

1983-91 Growth Rate . . . 6.00%

1984 New Hire Rate . . . 40.07%

1991 Proj. Employment . . . 407



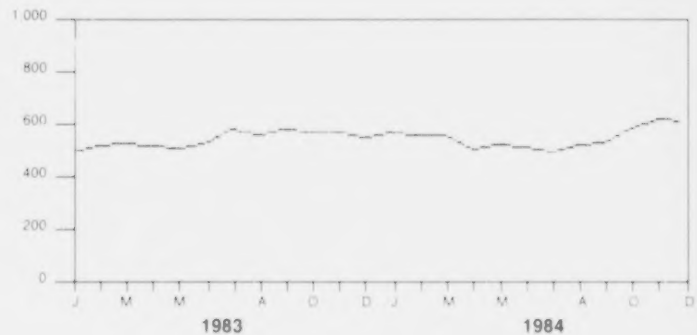
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	769	792	826	775	809	823
Number of Firms	12	13	14	11	17	16
Average Weekly Earnings	\$311.31	\$343.30	\$368.01	\$388.31	\$428.80	\$437.91

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	54	6.87 *	CRAFT WORKERS & SUPERVISORS ..	375	47.71 *****
SALES WORKERS	46	5.85 *	Bindery Worker, Assembly	80	10.18 **
Sales Representative	46	5.85 *	Bookbinder, Machine	56	7.12 *
CLERICAL WORKERS	157	19.97 **	Offset Lithographic Press Oper	154	19.59 **
Order Clerk	15	1.91	Stripper	16	2.04
Secretary	10	1.27	Supervisor, Nonworking Exc Service ..	21	2.67
Shipping & Receiving Clerk	13	1.65	OPERATIVES	121	15.39 **
Stock Clerk, Storeroom & Warehouse	11	1.40	Paste-Up Copy-Camera Operator	27	3.44
Typist/Word Processor	13	1.65	Press Assistant/Feeder	33	4.20
			Production Packager	26	3.31
			LABORERS EXCEPT FARM	22	2.80

1983-91 Growth Rate . . . 37.64%

1984 New Hire Rate . . . 77.37%

1991 Proj. Employment . . . 492



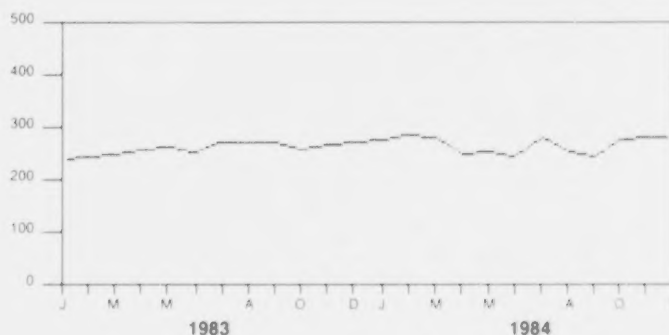
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	501	528	539	552	547	559
Number of Firms	17	17	19	21	19	20
Average Weekly Earnings	\$262.71	\$278.77	\$299.55	\$316.21	\$350.62	\$356.43

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	39	7.03 *	CRAFT WORKERS & SUPERVISORS.(cont.)		
SALES WORKERS	14	2.52	Bookbinder, Machine	31	5.56
Sales Representative	12	2.16	Inspector	18	3.24
CLERICAL WORKERS	116	20.90 ***	Letter Press Operator	53	9.55 *
Order Clerk	10	1.80	Linecasting Mach Oper	10	1.80
Proofreader, Compos Room	14	2.52	Offset Lithographic Press Oper	26	4.68
Shipping & Receiving Clerk	10	1.80	Supervisor, Nonworking Exc Service	11	1.98
Typist/Word Processor	22	3.96	OPERATIVES	83	14.95 **
CRAFT WORKERS & SUPERVISORS . .	281	50.63 *****	Cutter, Machine	13	2.34
Bindery Worker, Assembly	73	13.15 **	Shipping Packer	10	1.80
Bookbinder, Hand	16	2.88	LABORERS EXCEPT FARM	16	2.88

1983-91 Growth Rate . . . -38.15%

1984 New Hire Rate . . . 78.93%

1991 Proj. Employment . . . 154



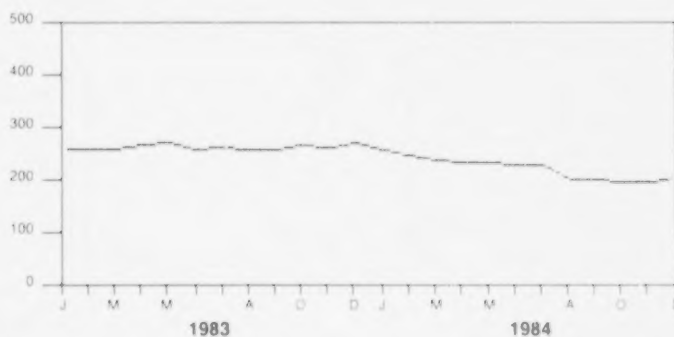
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	219	225	244	228	254	262
Number of Firms	40	38	42	42	51	52
Average Weekly Earnings	\$316.30	\$336.85	\$349.51	\$377.65	\$390.85	\$402.41

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	24	9.68 *	CRAFT WORKERS & SUPERVISORS ..	108	43.55 *****
CLERICAL WORKERS	74	29.84 ***	Camera Operator	24	9.68 *
Bookkeeper	13	5.24 *	Hand Compositor	14	5.65 *
Photo Typesetting Mach Key	14	5.65 *	Photo Typesetter Operator	32	12.90 **
Proofreader, Compos Room	18	7.26 *	Stripper	13	5.24 *
			OPERATIVES	32	12.90 **
			Paste-Up Copy-Camera Operator	24	9.68 *

1983-91 Growth Rate . . . 7.25%

1984 New Hire Rate . . . 61.75%

1991 Proj. Employment . . . 281



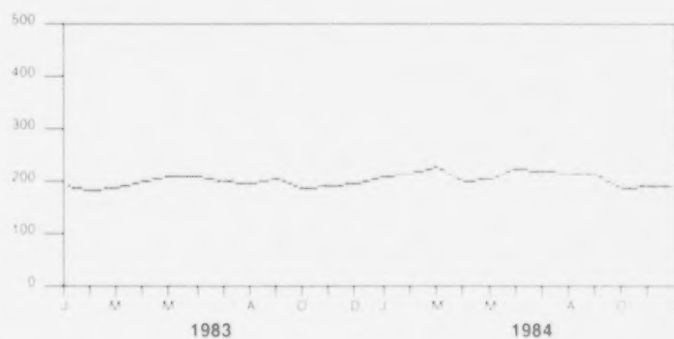
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	330	276	273	263	261	223
Number of Firms	12	13	14	14	14	15
Average Weekly Earnings	\$245.31	\$273.45	\$310.61	\$292.29	\$352.57	\$450.40

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	33	12.41 **	CLERICAL WORKERS	44	16.54 **
Chemist	13	4.89	Shipping & Receiving Clerk	10	3.76
MANAGERS & OFFICERS	27	10.15 **	CRAFT WORKERS & SUPERVISORS . .	18	6.77 *
SALES WORKERS	10	3.76	OPERATIVES	106	39.85 ** **
Sales Representative	10	3.76	Compressor, Drugs	16	6.02 *
			Production Packager	36	13.53 **
			LABORERS EXCEPT FARM	19	7.14 *

1983-91 Growth Rate . . . 3.03%

1984 New Hire Rate . . . 60.20%

1991 Proj. Employment . . . 204



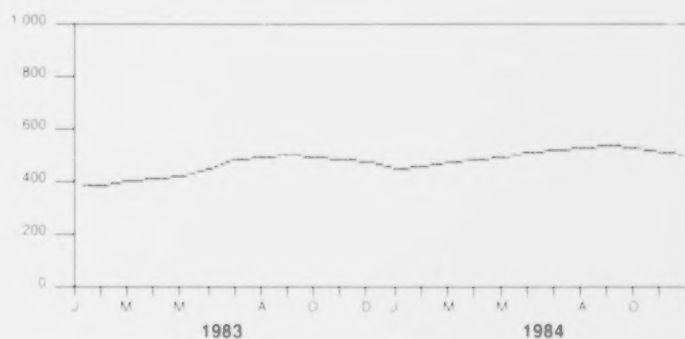
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	202	200	218	199	198	210
Number of Firms	20	20	20	19	19	20
Average Weekly Earnings	\$277.52	\$311.13	\$315.60	\$360.00	\$374.00	\$398.87

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	28	13.93 **	CRAFT WORKERS & SUPERVISORS ..	17	8.46 *
SALES WORKERS	36	17.91 **	OPERATIVES	72	35.82 ****
Sales Representative	36	17.91 **	Mixer, Blender, Chemical	26	12.94 **
CLERICAL WORKERS	38	18.91 **	Production Packager	30	14.93 **

1983-91 Growth Rate . . . 1.78%

1984 New Hire Rate . . . 51.82%

1991 Proj. Employment . . . 457



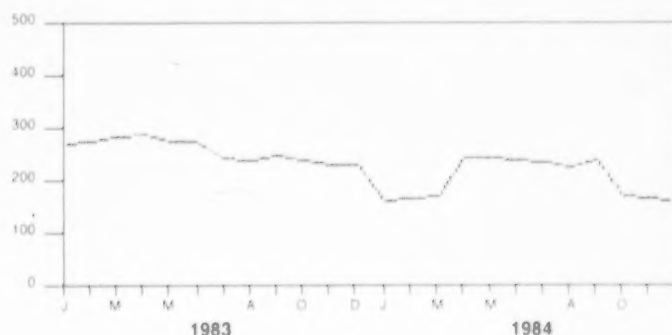
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	480	454	451	396	450	502
Number of Firms	20	21	23	22	21	21
Average Weekly Earnings	\$323.56	\$351.18	\$368.90	\$387.51	\$388.33	\$423.37

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	26	5.74 *	CRAFT WORKERS & SUPERVISORS . .	21	4.64
Chemist	17	3.75	OPERATIVES	176	38.85 ****
MANAGERS & OFFICERS	54	11.92 **	Grinder Oper, Chem/Plastic/Rubber . .	18	3.97
SALES WORKERS	95	20.97 ***	Mixer/Blender, Chemical	59	13.02 **
Sales Clerk	49	10.82 **	Production Packager	48	10.60 **
Sales Representative	46	10.15 **	Tinter, Paints	14	3.09
CLERICAL WORKERS	69	15.23 **	LABORERS EXCEPT FARM	11	2.43
General Clerk	15	3.31	Order Filler	10	2.21
Shipping & Receiving Clerk	10	2.21			

1983-91 Growth Rate . . . 26.25%

1984 New Hire Rate . . . 38.07%

1991 Proj. Employment . . . 327



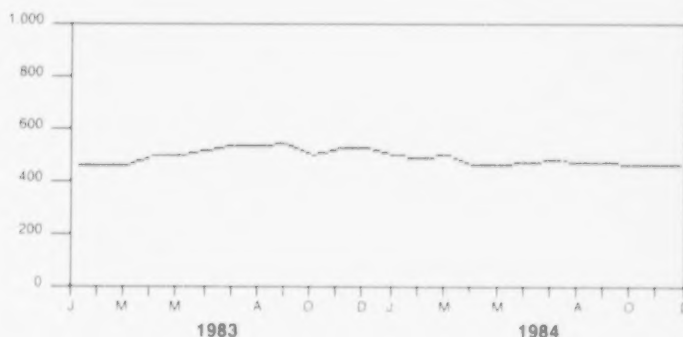
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	298	324	324	291	258	202
Number of Firms	10	13	13	14	11	11
Average Weekly Earnings	\$377.27	\$408.53	\$445.34	\$490.31	\$490.37	\$477.46

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	26	9.63 *	OPERATIVES	107	39.63 ****
MANAGERS & OFFICERS	29	10.74 **	Chemical Operator A	66	24.44 ***
CLERICAL WORKERS	30	11.11 **	LABORERS EXCEPT FARM	19	7.04 *
CRAFT WORKERS & SUPERVISORS . .	46	17.04 **			
Maintenance Mechanic	11	4.07			
Maintenance Repairer, Gen Utility . . .	10	3.70			
Supervisor, Nonworking Exc Service .	14	5.19 *			

1983-91 Growth Rate 58%

1984 New Hire Rate 27.78%

1991 Proj. Employment 517



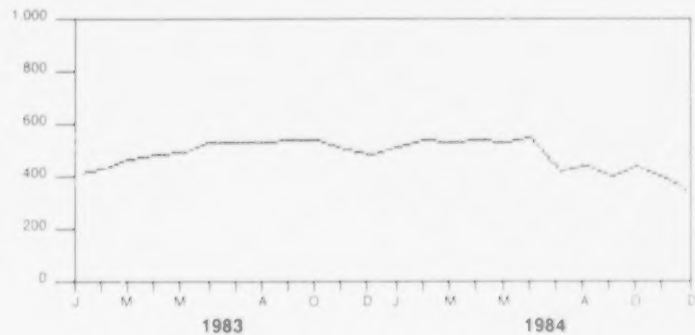
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	535	507	522	514	511	480
Number of Firms	26	27	28	26	26	27
Average Weekly Earnings	\$374.24	\$405.63	\$439.38	\$479.61	\$516.70	\$550.95

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	79	15.25 **	CRAFT WORKERS & SUPERVISORS ..	63	12.16 **
Chemical Engineer	13	2.51	Maintenance Repairer, Gen Utility . . .	24	4.63
Chemist	37	7.14 *	Supervisor, Nonworking Exc Service . .	26	5.02 *
Physical Science Tech	11	2.12	OPERATIVES	187	36.10 ****
MANAGERS & OFFICERS	55	10.62 **	Chemical Oper Helper	15	2.90
SALES WORKERS	53	10.23 **	Chemical Operator A	19	3.67
Sales Representative	53	10.23 **	Chief Operator, Chemicals	30	5.79 *
CLERICAL WORKERS	66	12.74 **	Kettle Oper, Adhesive	16	3.09
General Clerk	16	3.09	Mixer/Blender, Chemical	51	9.85 *
Secretary	16	3.09	Production Packager	10	1.93
Shipping & Receiving Clerk	12	2.32	Truck Driver	18	3.47
			LABORERS EXCEPT FARM	15	2.90

1983-91 Growth Rate . . . 33.67%

1984 New Hire Rate . . . 73.39%

1991 Proj. Employment . . . 667



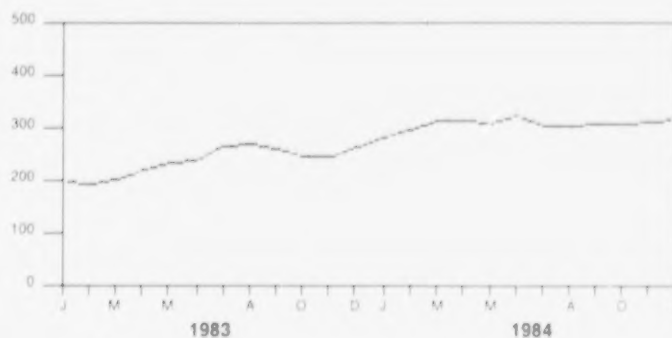
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	677	612	499	445	498	473
Number of Firms	12	12	10	10	9	13
Average Weekly Earnings	\$315.34	\$339.97	\$385.04	\$434.02	\$443.47	\$429.61

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	12	2.34	OPERATIVES	240	46.88 *****
MANAGERS & OFFICERS	36	7.03 *	Coater, Roofing Felt	33	6.45 *
SALES WORKERS	13	2.54	Industrial Truck Operator	15	2.93
Sales Representative	13	2.54	Mixer, Clay & Relate Prod	15	2.93
CLERICAL WORKERS	38	7.42 *	Production Packager	31	6.05 *
CRAFT WORKERS & SUPERVISORS . .	87	16.99 **	Sliver Forming & Winding Operator	11	2.15
Heavy Equipment Operator	11	2.15	Truck Driver	27	5.27 *
Maintenance Mechanic	29	5.66 *	LABORERS EXCEPT FARM	82	16.02 **
Supervisor, Nonworking Exc Service	30	5.86 *			

1983-91 Growth Rate . . . 155.04%

1984 New Hire Rate . . . 92.72%

1991 Proj. Employment . . . 607



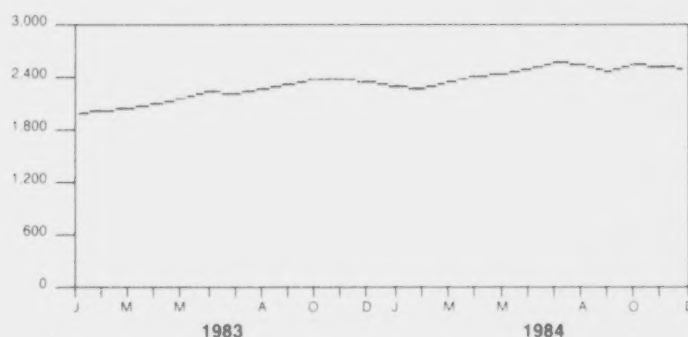
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	500	474	460	242	237	309
Number of Firms	12	14	16	16	16	16
Average Weekly Earnings	\$240.02	\$258.66	\$279.19	\$339.26	\$352.42	\$358.46

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	15	6.17 *	OPERATIVES	122	50.21 *****
SALES WORKERS	10	4.12	Caster	10	4.12
Sales Representative	10	4.12	Extruder Oper, Plastics/Rubber	16	6.58 *
CLERICAL WORKERS	25	10.29 **	Press Tender, Rubber Goods	31	12.76 **
CRAFT WORKERS & SUPERVISORS ..	49	20.16 ***	Rubber Goods Cutter/Finisher	18	7.41 *
Inspector	19	7.82 *	Rubber-Mill Tender	10	4.12
Supervisor, Nonworking Exc Service ..	15	6.17 *	LABORERS EXCEPT FARM	14	5.76 *

1983-91 Growth Rate . . . 12.82%

1984 New Hire Rate . . . 93.52%

1991 Proj. Employment . . . 2,500



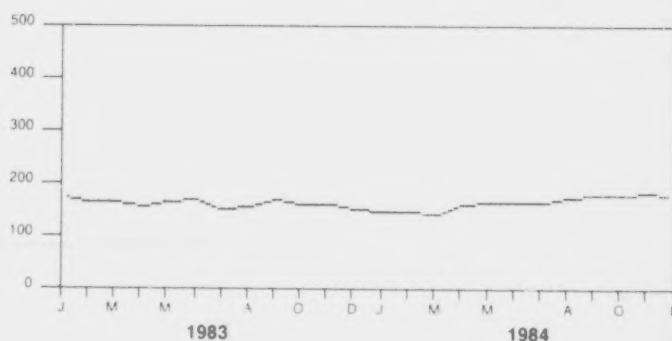
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,056	1,883	1,914	1,955	2,210	2,446
Number of Firms	97	96	100	100	99	110
Average Weekly Earnings	\$240.31	\$277.13	\$301.06	\$314.49	\$327.40	\$352.68

Occupation	1983 Employment	Percent	Occupation	1983 Employment	Percent
PROFESSIONAL & TECHNICAL	64	2.90	OPERATIVES (cont.)		
Accountant/Auditor	16	0.72	Chemical Operator A	11	0.50
MANAGERS & OFFICERS	182	8.25 *	Compression/Injection Molding Oper	279	12.64 **
Purchasing Agent &/or Buyer	12	0.54	Cutter, Machine	23	1.04
SALES WORKERS	79	3.58	Die Cutter &/or Clicking Mach Op	15	0.68
Sales Representative	73	3.31	Diecast Mounter/Set-Up	16	0.72
CLERICAL WORKERS	197	8.93 *	Extruder Oper Helper, Plastic/Rub	27	1.22
Accounting Clerk	15	0.68	Extruder Oper, Plastics/Rubber	81	3.67
Bookkeeper	11	0.50	Finisher, Hand	45	2.04
General Clerk	43	1.95	Gluer &/or Cementer, Hand	12	0.54
Order Clerk	10	0.45	Grinder Oper, Chem/Plastic/Rubber	16	0.72
Production Clerk	14	0.63	Heat Sealer	10	0.45
Secretary	22	1.00	Laminator, Preforms	103	4.67
Shipping & Receiving Clerk	31	1.40	Mach Tool Oper, Combination	23	1.04
Stock Clerk, Storeroom & Warehouse	10	0.45	Mixer/Blender, Chemical	24	1.09
CRAFT WORKERS & SUPERVISORS	239	10.83 **	Press Operator	12	0.54
Inspector	43	1.95	Production Packager	125	5.66 *
Machinist	11	0.50	Pwr Bkr &/or Bending Mach Oper	14	0.63
Maintenance Mechanic	11	0.50	Sewing Mach (Reg) Oper, Nongarment	17	0.77
Maintenance Repairer, Gen Utility	47	2.13	Shipping Packer	16	0.72
Plastic Molding Set-Up	30	1.36	Slitting Mach Oper	10	0.45
Supervisor, Nonworking Exc Service	73	3.31	Truck Driver	38	1.72
Tool & Die Maker	15	0.68	Vacuum Plastic Forming Machine Oper	17	0.77
OPERATIVES	1,329	60.22 *****	SERVICE WORKERS	15	0.68
Assembler	292	13.23 **	Janitor/Porter/Cleaner	12	0.54
Calendar Oper/Helper	18	0.82	LABORERS EXCEPT FARM	102	4.62

1983-91 Growth Rate . . . -26.51%

1984 New Hire Rate . . . 66.46%

1991 Proj. Employment . . . 122



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	140	109	123	111	165	167
Number of Firms	13	13	17	18	14	20
Average Weekly Earnings	\$170.44	\$203.53	\$191.08	\$183.08	\$324.32	\$348.76

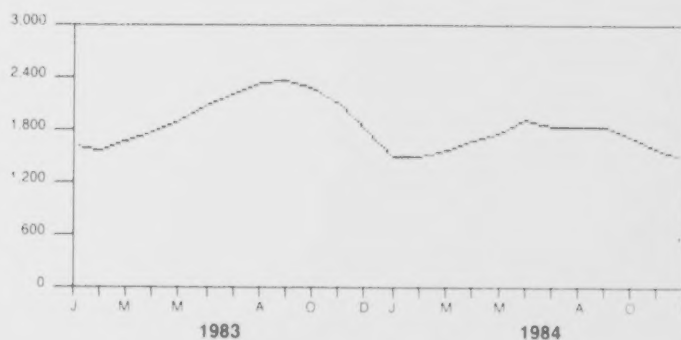
Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	15	9.15 *	OPERATIVES	99	60.37 *****
SALES WORKERS	22	13.41 **	Caster, Pottery & Porcelain	29	17.68 **
Sales Clerk	22	13.41 **	Finisher, Pottery & Porcelain	40	24.39 ***

327 CONCRETE, GYPSUM & PLASTER PRODUCTS 327

1983-91 Growth Rate . . . 25.39%

1984 New Hire Rate . . . 67.93%

1991 Proj. Employment . . . 2,464



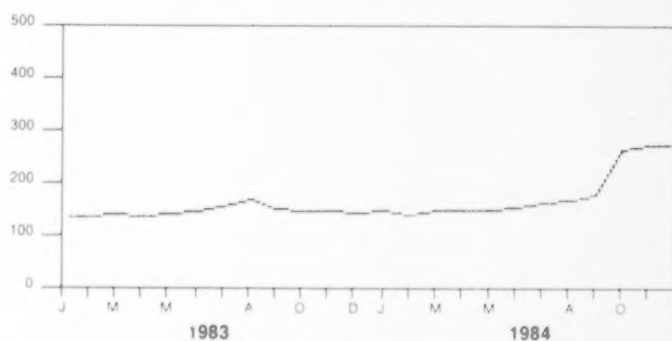
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,795	2,913	2,401	2,113	1,960	1,683
Number of Firms	151	145	138	133	121	110
Average Weekly Earnings	\$371.89	\$410.96	\$432.20	\$428.06	\$433.39	\$432.70

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	45	2.28	OPERATIVES	945	47.97 *****
Accountant/Auditor	12	0.61	Block Making Mach Oper	14	0.71
MANAGERS & OFFICERS	168	8.53 *	Cage Maker Hand or Mach	11	0.56
SALES WORKERS	42	2.13	Concrete Pipe Maker	53	2.69
Sales Representative	42	2.13	Concrete Stone Fabricator	22	1.12
CLERICAL WORKERS	193	9.80 *	Concrete Vault Maker	13	0.66
Accounting Clerk	19	0.96	Conveyor Operator	16	0.81
Bookkeeper	54	2.74	Delivery Driver & Route Worker	11	0.56
Dispatcher, Vehicle Service/Work	46	2.34	Furnace/Drier/Kiln/Oven Oper/Tender	11	0.56
General Clerk	24	1.22	Industrial Truck Operator	55	2.79
Secretary	18	0.91	Mill/Grinder Oper, Mineral	50	2.54
CRAFT WORKERS & SUPERVISORS	373	18.93 **	Pipe Stripper	23	1.17
Automotive Mechanic	78	3.96	Truck Driver	541	27.46 ***
Central Batch Plant Oper	58	2.94	Welder/Flamecutter	33	1.68
Concrete Rubber	12	0.61	SERVICE WORKERS	14	0.71
Crane, Derrick & Hoist Operator	10	0.51	Janitor/Porter/Cleaner	13	0.66
Diesel Mechanic	10	0.51	LABORERS EXCEPT FARM	190	9.64 *
Heavy Equipment Operator	79	4.01			
Maintenance Mechanic	29	1.47			
Maintenance Repairer, Gen Utility	21	1.07			
Supervisor, Nonworking Exc Service	37	1.88			

1983-91 Growth Rate . . . 95.51%

1984 New Hire Rate . . . 65.75%

1991 Proj. Employment . . . 305



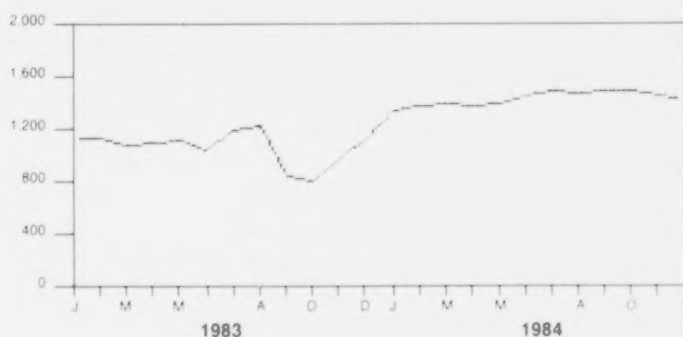
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	351	355	326	293	153	188
Number of Firms	24	23	22	21	14	14
Average Weekly Earnings	\$257.65	\$294.19	\$338.15	\$364.80	\$349.49	\$387.32

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	16	9.47 *	OPERATIVES	101	59.73 *****
CLERICAL WORKERS	18	10.65 **	Industrial Truck Operator	12	7.10 *
CRAFT WORKERS & SUPERVISORS ..	13	7.69 *	Production Packager	13	7.69 *
			LABORERS EXCEPT FARM	10	5.92 *

1983-91 Growth Rate . . . 39.93%

1984 New Hire Rate . . . 58.93%

1991 Proj. Employment . . . 1,500



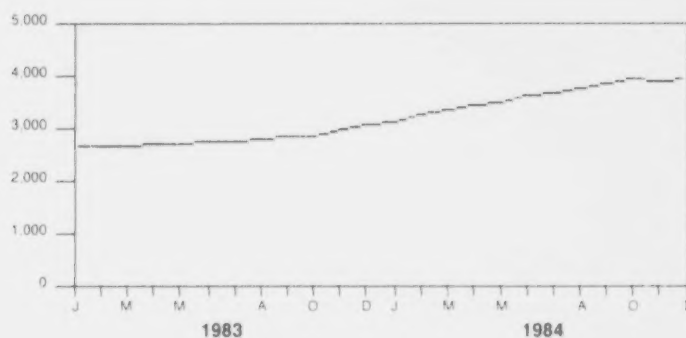
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,068	2,044	1,864	1,276	1,072	1,421
Number of Firms	11	11	12	13	11	10
Average Weekly Earnings	\$424.43	\$462.41	\$515.01	\$553.15	\$548.95	\$522.64

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	50	4.71	OPERATIVES	370	34.87 ****
MANAGERS & OFFICERS	47	4.43	Furnace Oper &/or Cupola Tender	33	3.11
SALES WORKERS	19	1.79	Industrial Truck Operator	33	3.11
Sales Representative	19	1.79	Pourer Metal	17	1.60
CLERICAL WORKERS	76	7.16 *	Production Packager	11	1.04
Production Clerk	11	1.04	Punch Press Oper, Metal	13	1.23
Secretary	12	1.13	Steel Pourer Helper	11	1.04
CRAFT WORKERS & SUPERVISORS	318	29.97 ***	Truck Driver	12	1.13
Automotive Mechanic	10	0.94	Welder/Flamecutter	94	8.86 *
Crane, Derrick & Hoist Operator	48	4.52	SERVICE WORKERS	10	0.94
Electrician	32	3.02	LABORERS EXCEPT FARM	171	16.12 **
Machinist	19	1.79	Furnace Operator Helper	16	1.51
Maintenance Mechanic	91	8.58 *	Helper, Trades	47	4.43
Rolling Mill Oper/Attendant	10	0.94			
Supervisor, Nonworking Exc Service	67	6.31 *			

1983-91 Growth Rate ... 36.88%

1984 New Hire Rate ... 48.90%

1991 Proj. Employment ... 3,860



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,080	4,228	3,857	3,138	2,820	3,641
Number of Firms	17	18	16	17	15	15
Average Weekly Earnings	\$346.19	\$386.88	\$430.62	\$449.97	\$459.93	\$475.98

Occupation	1983 Employment	Percent	Occupation	1983 Employment	Percent
PROFESSIONAL & TECHNICAL	305	10.78 **	CRAFT WORKERS & SUPERVISORS ..	664	23.47 ***
Accountant/Auditor	21	0.74	Carpenter	13	0.46
Drafter	16	0.57	Crane, Derrick & Hoist Operator	44	1.56
Industrial Engineer	31	1.10	Electrician	15	0.53
Industrial Engineering Technician	21	0.74	Heat Treater/Annealer/Temperer	24	0.85
Mechanical Engineer	60	2.12	Inspector	88	3.11
Mechanical Engineering Tech	11	0.39	Machinist	22	0.78
Personnel & Labor Relations Spec	10	0.35	Maintenance Mechanic	66	2.33
Physical Science Tech	12	0.42	Maintenance Repairer, Gen Utility	29	1.03
Radiographer	33	1.17	Millwright	18	0.64
Systems Analyst, EDP	14	0.49	Molder, Bench &/or Floor	63	2.23
MANAGERS & OFFICERS	175	6.19 *	Molder, Machine	73	2.58
Purchasing Agent &/or Buyer	11	0.39	Pattern Maker, Wood	17	0.60
SALES WORKERS	45	1.59	Refractory Material Repairer	13	0.46
Sales Representative	45	1.59	Shell Mold/Shellcore Mach Oper	35	1.24
CLERICAL WORKERS	292	10.32 **	Supervisor, Nonworking Exc Service	99	3.50
Accounting Clerk	23	0.81	Tool & Die Maker	16	0.57
General Clerk	55	1.94	OPERATIVES	977	34.54 ****
Key Punch/Data Entry Oper	10	0.35	Assembler	11	0.39
Production Clerk	39	1.38	Coremaker, Hand/Bench/Floor	41	1.45
Secretary	35	1.24	Coremaker, Machine	16	0.57
Shipping & Receiving Clerk	25	0.88	Filers/Grinders/Buffers/Cleaner	221	7.81 *
Stock Clerk, Storeroom & Warehouse	27	0.95	Furnace Oper &/or Cupola Tender	81	2.86
			Industrial Truck Operator	38	1.34

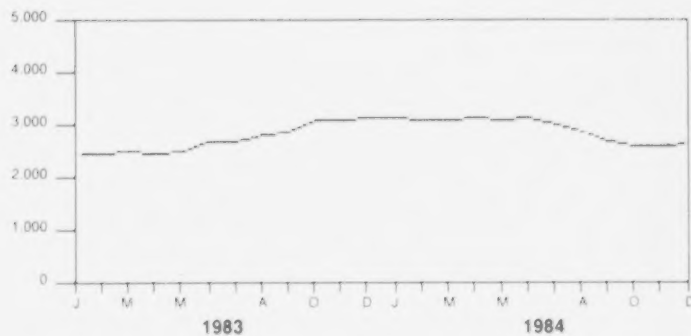
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
OPERATIVES (cont.)			SERVICE WORKERS		
Mach Tool Oper, Combination	40	1.41	Guard/Doorkeeper	11	0.39
Mold Closer	28	0.99	Janitor/Porter/Cleaner	15	0.53
Oiler	10	0.35	LABORERS EXCEPT FARM	343	12.12 **
Pourer Metal	38	1.34	Furnace Operator Helper	24	0.85
Sand Cutter, Mixer &/or Slinger	15	0.53	Helper, Trades	77	2.72
Sandblaster &/or Shotblaster	29	1.03	Order Filler	19	0.67
Sawyer, Metal	18	0.64	Shake-Out Worker	64	2.26
Truck Driver	17	0.60			
Wax Pattern Worker	190	6.72 *			
Welder/Flamecutter	102	3.61			

1983-91 Growth Rate . . . 8.81%

1984 New Hire Rate . . . 15.15%

1991 Proj. Employment . . . 3,000



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	3,789	3,761	3,633	3,058	2,756	2,946
Number of Firms	5	6	8	8	7	6
Average Weekly Earnings	\$449.75	\$517.46	\$556.58	\$581.03	\$616.78	\$615.27

1983			1983		
Occupation	Employment	Percent	Occupation	Employment	Percent
PROFESSIONAL & TECHNICAL	327	11.85 **	CRAFT WORKERS & SUPERVISORS ..	715	25.92 ***
Accountant/Auditor	18	0.65	Automotive Mechanic	15	0.54
Chemical Engineer	18	0.65	Carpenter	14	0.51
Chemist	30	1.09	Crane, Derrick & Hoist Operator	56	2.03
Drafter	12	0.43	Electrician	86	3.12
Electrical/Electronic Engineer	11	0.40	Inspector	14	0.51
Mechanical Engineer	12	0.43	Instrument Mechanic	23	0.83
Mechanical Engineering Tech	46	1.67	Machinist	43	1.56
Metallurgist/Metallurgical Engineer	25	0.91	Maintenance Mechanic	151	5.47 *
Personnel & Labor Relations Spec	11	0.40	Maintenance Repairer, Gen Utility	10	0.36
Physical Science Tech	29	1.05	Metal Fabricator	13	0.47
Spectroscopist	15	0.54	Painter, Maintenance	10	0.36
Tester	16	0.58	Plumber &/or Pipefitter	22	0.80
MANAGERS & OFFICERS	140	5.07 *	Refractory Material Repairer	11	0.40
SALES WORKERS	11	0.40	Rolling Attendant	13	0.47
Sales Representative	11	0.40	Rolling Mill Oper/Attendant	11	0.40
CLERICAL WORKERS	161	5.84 *	Supervisor, Nonworking Exc Service	166	6.02 *
Production Clerk	15	1.54	OPERATIVES	959	34.76 ****
Secretary	35	1.27	Carbon Setter	71	2.57
Shipping & Receiving Clerk	10	0.36	Caster, Ingots & Pigs	51	1.85
Stock Clerk, Storeroom & Warehouse	18	0.65	Chemical Operator A	14	0.51
Typist/Word Processor	22	0.80	Cupola Tapper	10	0.36
			Filers/Grinders/Buffers/Cleaner	23	0.83
			Furnace Oper &/or Cupola Tender	93	3.37

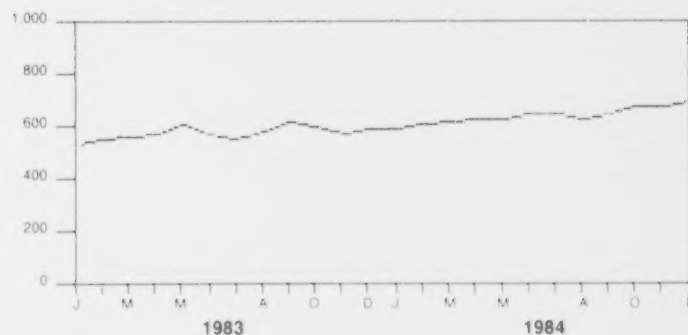
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
OPERATIVES (cont.)			OPERATIVES (cont.)		
Grinding/Abrading Mach Oper	11	0.40	Shear &/or Slitter Oper	12	0.43
Industrial Truck Operator	28	1.01	Truck Driver	14	0.51
Lathe &/or Turning Mach Oper	47	1.70	Welder/Flamecutter	40	1.45
Mill/Grinder Oper, Mineral	11	0.40	SERVICE WORKERS	59	2.14
Milling & Planing Mach Oper	12	0.43	Guard/Doorkeeper	17	0.62
Pot Liner	39	1.41	Janitor/Porter/Cleaner	42	1.52
Pot Tender	222	8.05 *	LABORERS EXCEPT FARM	387	14.03 **
Production Packager	11	0.40	Furnace Operator Helper	59	2.14
Sandblaster &/or Shotblaster	27	0.98	Helper, Trades	18	0.65

1983-91 Growth Rate . . . 72.51%

1984 New Hire Rate . . . 78.92%

1991 Proj. Employment . . . 1,004



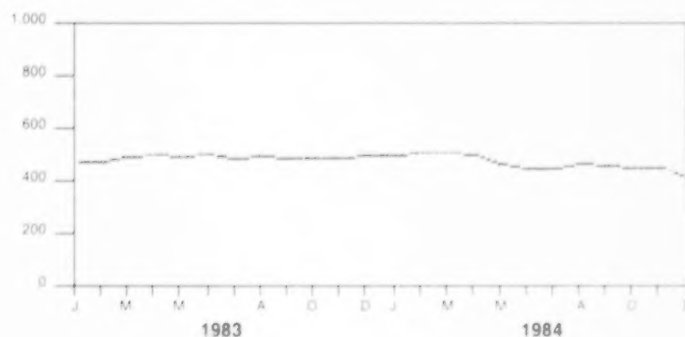
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	907	731	685	580	580	643
Number of Firms	27	26	27	28	30	31
Average Weekly Earnings	\$339.97	\$375.96	\$406.56	\$431.50	\$438.26	\$430.42

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	32	5.45 *	OPERATIVES	253	43.10 **** *
MANAGERS & OFFICERS	54	9.20 *	Assembler	11	1.87
CLERICAL WORKERS	61	10.39 **	Coremaker, Hand/Bench/Floor	12	2.04
CRAFT WORKERS & SUPERVISORS . .	152	25.89 ***	Diecast Mounter/Set-Up	29	4.94
Inspector	20	3.41	Filers/Grinders/Buffers/Cleaner	66	11.24 **
Machinist	10	1.70	Furnace Oper &/or Cupola Tender	16	2.73
Maintenance Repairer, Gen Utility	16	2.73	Mach Tool Oper, Combination	18	3.07
Molder, Bench &/or Floor	30	5.11 *	LABORERS EXCEPT FARM	26	4.43
Molder, Machine	26	4.43	Shake-Out Worker	10	1.70
Pattern Maker, Metal	14	2.39			
Supervisor, Nonworking Exc Service	20	3.41			

1983-91 Growth Rate . . . 34.75%

1984 New Hire Rate . . . 15.28%

1991 Proj. Employment . . . 667



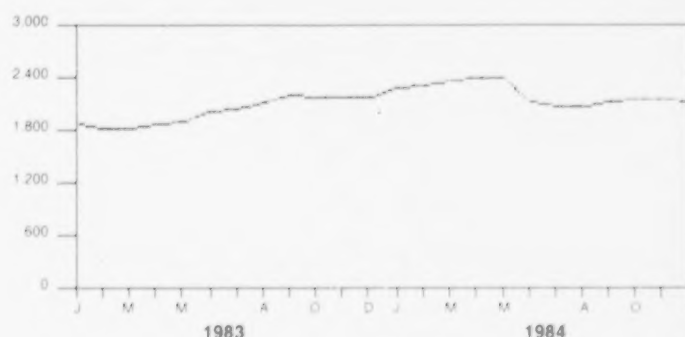
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	566	570	552	537	493	462
Number of Firms	11	10	10	8	8	7
Average Weekly Earnings	\$417.08	\$460.91	\$505.69	\$552.28	\$589.40	\$628.42

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	20	4.03	OPERATIVES	196	39.52 ****
Tester	10	2.02	Bodymaker Oper, Tin Can	25	5.04 *
MANAGERS & OFFICERS	26	5.24 *	Conveyor Operator	15	3.02
SALES WORKERS	14	2.82	Industrial Truck Operator	28	5.65 *
Sales Representative	14	2.82	Painter, Production	12	2.42
CLERICAL WORKERS	44	8.87 *	Production Packager	38	7.66 *
CRAFT WORKERS & SUPERVISORS	157	31.65 ****	Punch Press Oper, Metal	17	3.43
Inspector	24	4.84	Shear &/or Slitter Oper	16	3.23
Machinist	16	3.23	Truck Driver	22	4.44
Maintenance Mechanic	39	7.86 *	LABORERS EXCEPT FARM	33	6.65 *
Punch Press Set-Up, Metal	12	2.42			
Supervisor, Nonworking Exc Service	18	3.63			

1983-91 Growth Rate . . . 6.29%

1984 New Hire Rate . . . 49.95%

1991 Proj. Employment . . . 4,200



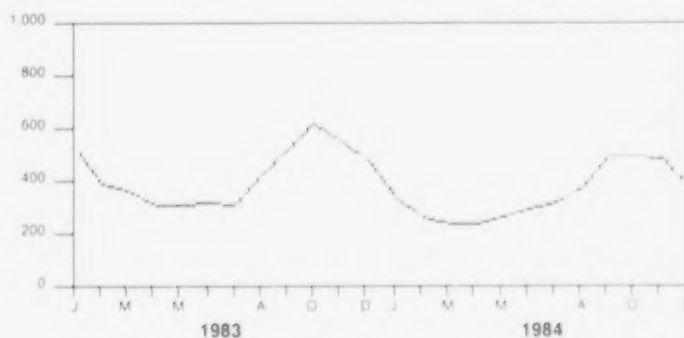
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	3,756	3,409	2,875	2,199	2,032	2,228
Number of Firms	39	41	40	39	36	38
Average Weekly Earnings	\$272.84	\$319.10	\$343.77	\$381.97	\$429.67	\$418.73

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	93	4.56	CRAFT WORKERS & SUPERVISORS (cont.)		
Accountant/Auditor	14	0.69	Maintenance Repairer, Gen Utility	24	1.18
Industrial Engineer	12	0.59	Sheet Metal Worker	29	1.42
Mechanical Engineer	17	0.83	Supervisor, Nonworking Exc Service	79	3.88
Personnel & Labor Relations Spec	10	0.49	Tool & Die Maker	52	2.55
MANAGERS & OFFICERS	136	6.67 *	OPERATIVES	904	44.36 *****
SALES WORKERS	46	2.26	Assembler	277	13.59 **
Sales Representative	46	2.26	Diecast Moulder/Set-Up	11	0.54
CLERICAL WORKERS	223	10.94 **	Drill Press & Boring Mach Oper	14	0.69
Accounting Clerk	20	0.98	Electroplater	41	2.01
General Clerk	12	0.59	Filers/Grinders/Buffers/Cleaner	105	5.15 *
Order Clerk	15	0.74	Grinding/Abrading Mach Oper	63	3.09
Payroll &/or Timekeeping Clerk	17	0.83	Industrial Truck Operator	17	0.83
Production Clerk	17	0.83	Mach Tool Oper, Combination	14	0.69
Secretary	41	2.01	Mach Tool Oper, Numerical Control	18	0.88
Shipping & Receiving Clerk	19	0.93	Milling & Planing Mach Oper	19	0.93
Stock Clerk, Storeroom & Warehouse	37	1.82	Painter, Production	19	0.93
CRAFT WORKERS & SUPERVISORS	462	22.67 ***	Production Packager	60	2.94
Die Setter	11	0.54	Punch Press Oper, Metal	55	2.70
Forging Press Oper	17	0.83	Shipping Packer	22	1.08
Header Mach Operator	14	0.69	Welder/Flamecutter	30	1.47
Heat Treater/Annealer/Temperer	16	0.79	Wire Weaver	16	0.79
Inspector	65	3.19	SERVICE WORKERS	27	1.32
Machine Tool Setter, Metal	15	0.74	Janitor/Porter/Cleaner	23	1.13
Machinist	49	2.40	LABORERS EXCEPT FARM	147	7.21 *
Maintenance Mechanic	52	2.55	Order Filler	10	0.49

1983-91 Growth Rate . . . 98.65%

1984 New Hire Rate . . . 123.39%

1991 Proj. Employment . . . 880



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	858	898	511	588	441	361
Number of Firms	40	49	49	46	38	34
Average Weekly Earnings	\$241.74	\$278.47	\$277.49	\$279.82	\$321.85	\$335.05

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	16	3.72	OPERATIVES	205	47.67 *****
MANAGERS & OFFICERS	54	12.56 **	Assembler	16	3.72
SALES WORKERS	31	7.21 *	Filers/Grinders/Buffers/Cleaner	10	2.33
Sales Representative	31	7.21 *	Grinding/Abrading Mach Oper	19	4.42
CLERICAL WORKERS	61	14.19 **	Painter, Production	14	3.26
Bookkeeper	20	4.65	Truck Driver	11	2.56
General Clerk	13	3.02	Welder/Flamecutter	105	24.42 ***
Secretary	10	2.33	LABORERS EXCEPT FARM	17	3.95
CRAFT WORKERS & SUPERVISORS	42	9.77 *			
Supervisor, Nonworking Exc Service	13	3.02			

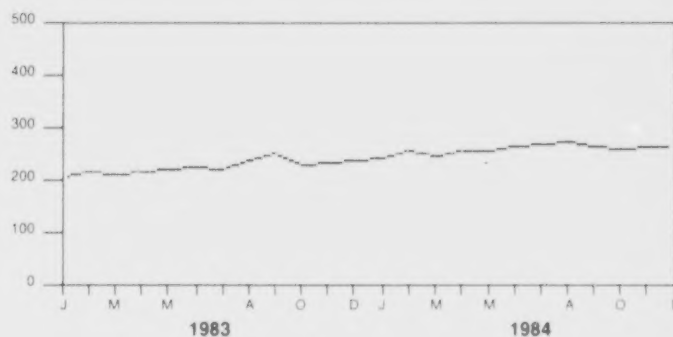
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
OPERATIVES (cont.)			SERVICE WORKERS	27	0.65
Truck Driver	89	2.15	Janitor/Porter/Cleaner	27	0.65
Welder/Flamecutter	477	11.53 **	LABORERS EXCEPT FARM	298	7.21 *
Wood Working Mach Oper	25	0.60	Helper, Trades	180	4.35
			Order Filler	19	0.46

1983-91 Growth Rate ... 3.51%

1984 New Hire Rate ... 63.60%

1991 Proj. Employment ... 464



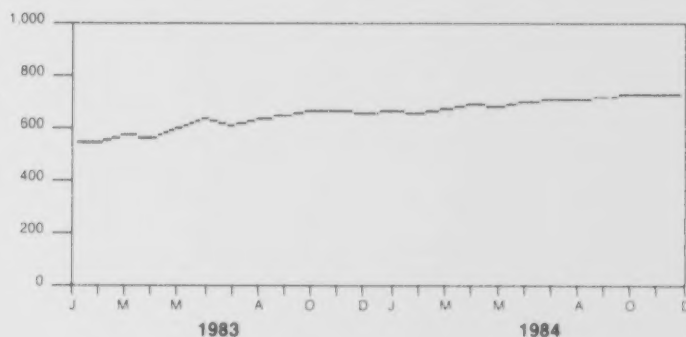
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	390	302	397	358	226	260
Number of Firms	14	16	16	13	16	18
Average Weekly Earnings	\$334.55	\$387.47	\$465.25	\$440.73	\$442.83	\$452.74

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	20	8.33 *	OPERATIVES	106	44.17 *****
CLERICAL WORKERS	25	10.42 **	Drill Press & Boring Mach Oper	13	5.42 *
CRAFT WORKERS & SUPERVISORS ..	68	28.33 ***	Lathe &/or Turning Mach Oper	10	4.17
Drop Hammer Oper	11	4.58	Punch Press Oper, Metal	40	16.67 **

1983-91 Growth Rate ... 39.16%

1984 New Hire Rate ... 102.34%

1991 Proj. Employment ... 860



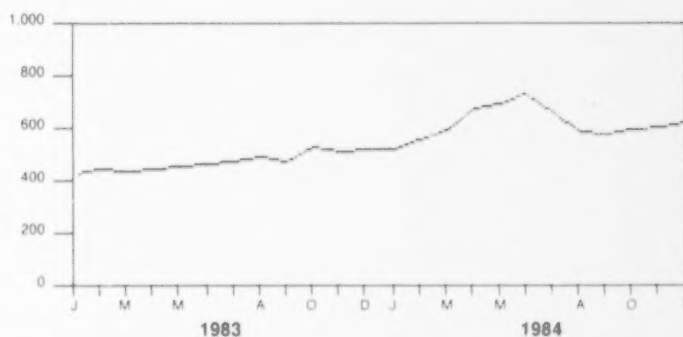
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	943	848	837	762	615	701
Number of Firms	41	40	43	41	38	42
Average Weekly Earnings	\$273.34	\$299.44	\$317.17	\$331.19	\$286.87	\$289.15

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	40	6.38 *	OPERATIVES	429	68.42 *****
SALES WORKERS	11	1.75	Electroplater	102	16.27 **
Sales Representative	11	1.75	Filers/Grinders/Buffers/Cleaner	111	17.70 **
CLERICAL WORKERS	45	7.18 *	Painter, Production	13	2.07
Bookkeeper	15	2.39	Plater Helper	118	18.82 **
General Clerk	11	1.75	Production Packager	15	2.39
CRAFT WORKERS & SUPERVISORS ..	53	8.45 *	Shipping Packer	19	3.03
Supervisor, Nonworking Exc Service ..	29	4.63	LABORERS EXCEPT FARM	41	6.54 *

1983-91 Growth Rate . . . 47.64%

1984 New Hire Rate . . . 89.82%

1991 Proj. Employment . . . 812



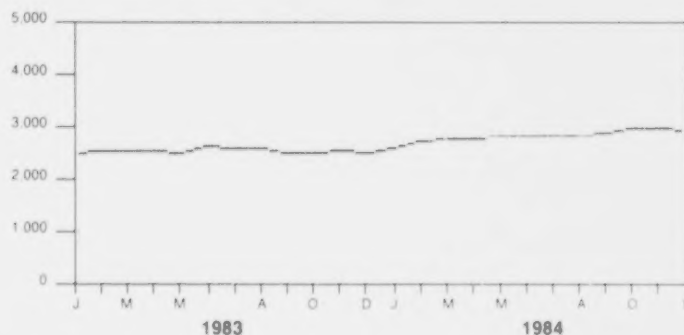
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	976	923	830	586	476	618
Number of Firms	34	35	33	36	35	37
Average Weekly Earnings	\$314.23	\$340.13	\$376.83	\$420.31	\$404.92	\$383.82

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	31	5.67 *	OPERATIVES	293	53.56 *****
MANAGERS & OFFICERS	48	8.78 *	Assembler	14	2.56
SALES WORKERS	12	2.19	Filers/Grinders/Buffers/Cleaner	17	3.11
Sales Representative	12	2.19	Mach Tool Oper, Combination	17	3.11
CLERICAL WORKERS	65	11.88 **	Machine Assembler	44	8.04 *
General Clerk	15	2.74	Painter, Production	16	2.93
Secretary	10	1.83	Punch Press Oper, Metal	14	2.56
CRAFT WORKERS & SUPERVISORS	88	16.09 **	Weider/Flamecutter	111	20.29 ***
Machinist	13	2.38			
Sheet Metal Worker	22	4.02			
Supervisor, Nonworking Exc Service	14	2.56			

1983-91 Growth Rate . . . 21.52%

1984 New Hire Rate . . . 58.72%

1991 Proj. Employment . . . 3,094



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,385	4,387	4,002	3,068	2,614	2,889
Number of Firms	62	69	71	73	69	69
Average Weekly Earnings	\$369.41	\$400.26	\$452.82	\$477.82	\$509.38	\$572.22

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	372	14.53 **	CRAFT WORKERS & SUPERVISORS . .	470	18.36 **
Accountant/Auditor	32	1.25	Automotive Mechanic	10	0.39
Drafter	77	3.01	Blacksmith	12	0.47
Industrial Engineer	31	1.21	Elevator Installer-Repairer	17	0.66
Industrial Engineering Technician	10	0.39	Engineering Equip Mechanic	18	0.70
Mechanical Engineer	140	5.47 *	Forging Press Oper	10	0.39
Mechanical Engineering Tech	14	0.55	Inspector	28	1.09
Writer &/or Editor	12	0.47	Lay-Out Worker (Metal)	22	0.86
MANAGERS & OFFICERS	193	7.54 *	Machinist	133	5.20 *
Purchasing Agent &/or Buyer	32	1.25	Maintenance Mechanic	53	2.07
SALES WORKERS	86	3.36	Supervisor, Nonworking Exc Service	99	3.87
Sales Representative	83	3.24	Tool & Die Maker	17	0.66
CLERICAL WORKERS	378	14.77 **	OPERATIVES	991	38.71 ****
Accounting Clerk	33	1.29	Assembler	18	0.70
Bookkeeper	15	0.59	Drill Press & Boring Mach Oper	28	1.09
Clerical Supervisor	17	0.66	Filers/Grinders/Buffers/Cleaner	18	0.70
General Clerk	58	2.27	Grinding/Abrading Mach Oper	21	0.82
Order Clerk	25	0.98	Industrial Truck Operator	61	2.38
Production Clerk	40	1.56	Lathe &/or Turning Mach Oper	67	2.62
Secretary	63	2.46	Mach Tool Oper, Combination	55	2.15
Shipping & Receiving Clerk	19	0.74	Mach Tool Oper, Numerical Control	30	1.17
Stock Clerk, Storeroom & Warehouse	38	1.48	Machine Assembler	163	6.37 *
			Milling & Planing Mach Oper	16	0.63

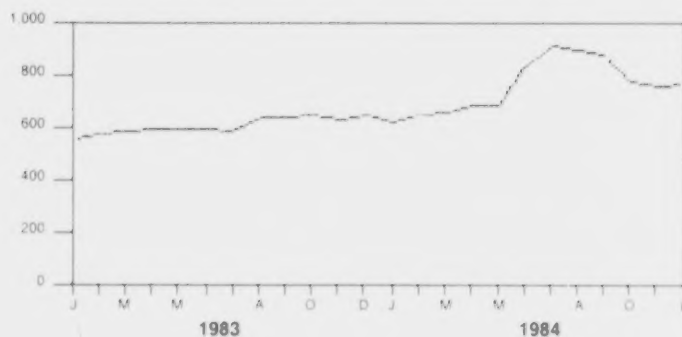
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
OPERATIVES (cont.)			SERVICE WORKERS	21	0.82
Painter, Production	28	1.09	Janitor/Porter/Cleaner	21	0.82
Punch Press Oper, Metal	14	0.55	LABORERS EXCEPT FARM	49	1.91
Pwr Brk &/or Bending Mach Oper	14	0.55	Helper, Trades	24	0.94
Welder/Flamecutter	412	16.09 **	Order Filler	15	0.59

1983-91 Growth Rate . . . -13.73%

1984 New Hire Rate . . . 123.34%

1991 Proj. Employment . . . 528



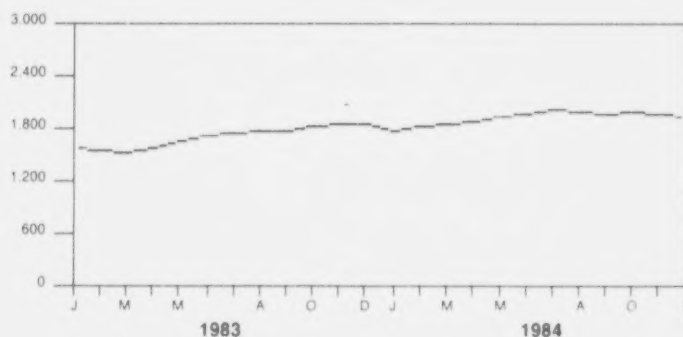
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	582	655	645	581	607	759
Number of Firms	43	47	68	77	78	79
Average Weekly Earnings	\$310.17	\$357.71	\$374.47	\$386.62	\$402.71	\$418.88

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	27	4.29	OPERATIVES	175	27.78 ***
MANAGERS & OFFICERS	70	11.11 **	Drill Press & Boring Mach Oper	10	1.59
SALES WORKERS	24	3.81	Grinding/Abrading Mach Oper	17	2.70
Sales Representative	24	3.81	Mach Tool Oper, Combination	24	3.81
CLERICAL WORKERS	65	10.32 **	Mach Tool Oper, Numerical Control	16	2.54
Accounting Clerk	10	1.59	Machine Assembler	27	4.29
General Clerk	15	2.38	Punch Press Oper, Metal	11	1.75
Secretary	11	1.75	Welder/Flamecutter	13	2.06
CRAFT WORKERS & SUPERVISORS	244	38.73 ****	SERVICE WORKERS	11	1.75
Machine Tool Setter, Metal	17	2.70	Janitor/Porter/Cleaner	11	1.75
Machinist	80	12.70 **	LABORERS EXCEPT FARM	14	2.22
Supervisor, Nonworking Exc Service	15	2.38			
Tool & Die Maker	117	18.57 **			

1983-91 Growth Rate ... 17.56%

1984 New Hire Rate ... 75.28%

1991 Proj. Employment ... 2,022



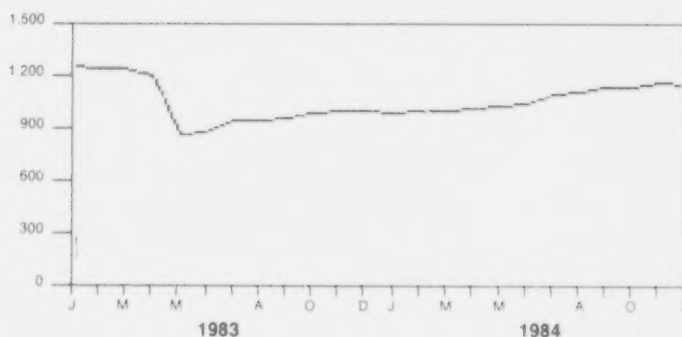
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,854	2,485	2,265	1,787	1,718	1,935
Number of Firms	95	92	94	90	72	77
Average Weekly Earnings	\$338.76	\$374.07	\$399.44	\$412.92	\$438.01	\$444.14

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	198	11.43 **	CRAFT WORKERS & SUPERVISORS (cont.)		
Accountant/Auditor	16	0.92	Sheet Metal Worker	28	1.62
Drafter	61	3.52	Supervisor, Nonworking Exc Service	49	2.83
Electrical/Electronic Engineer	14	0.81	OPERATIVES	816	47.11 *****
Electrical/Electronic Tech	21	1.21	Assembler	31	1.79
Mechanical Engineer	50	2.89	Drill Press & Boring Mach Oper	49	2.83
MANAGERS & OFFICERS	163	9.41 *	Electrical/Electronic Assembler	19	1.10
Purchasing Agent &/or Buyer	20	1.15	Electro-Mechanical Assembler	10	0.58
SALES WORKERS	85	4.91	Filers/Grinders/Buffers/Cleaner	11	0.64
Sales Representative	85	4.91	Grinding/Abrading Mach Oper	30	1.73
CLERICAL WORKERS	193	11.14 **	Lathe &/or Turning Mach Oper	53	3.06
Accounting Clerk	12	0.69	Mach Tool Oper, Combination	62	3.58
Bookkeeper	20	1.15	Mach Tool Oper, Numerical Control	13	0.75
General Clerk	33	1.91	Machine Assembler	124	7.16 *
Secretary	32	1.85	Milling & Planing Mach Oper	31	1.79
Shipping & Receiving Clerk	23	1.33	Painter, Production	24	1.39
Stock Clerk, Storeroom & Warehouse	22	1.27	Truck Driver	10	0.58
CRAFT WORKERS & SUPERVISORS ..	238	13.74 **	Welder/Flamecutter	286	16.51 **
Machinist	71	4.10	SERVICE WORKERS	22	1.27
Millwright	36	2.08	Janitor/Porter/Cleaner	21	1.21
			LABORERS EXCEPT FARM	17	0.98

1983-91 Growth Rate . . . 51.05%

1984 New Hire Rate . . . 50.48%

1991 Proj. Employment . . . 1,580



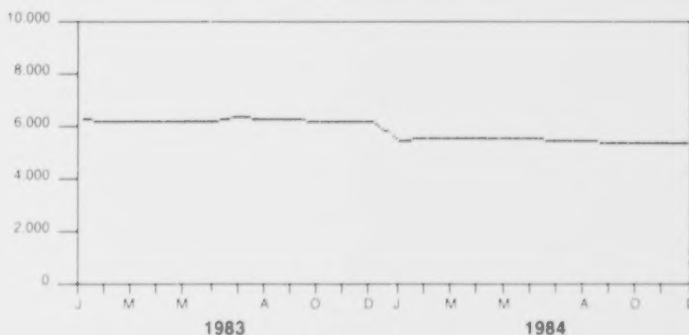
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,104	2,025	2,009	1,753	1,044	1,071
Number of Firms	41	41	42	42	44	46
Average Weekly Earnings	\$364.90	\$408.52	\$445.07	\$483.18	\$485.68	\$499.77

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	112	10.72 **	CRAFT WORKERS & SUPERVISORS (cont.)		
Accountant/Auditor	11	1.05	Machinist	19	1.82
Drafter	22	2.11	Maintenance Mechanic	10	0.96
Industrial Engineer	11	1.05	Pattern Maker, Metal	18	1.72
Mechanical Engineer	34	3.25	Pattern Maker, Wood	26	2.49
Mechanical Engineering Tech	12	1.15	Sheet Metal Worker	72	6.89 *
MANAGERS & OFFICERS	89	8.52 *	Supervisor, Nonworking Exc Service	39	3.73
Purchasing Agent &/or Buyer	12	1.15	OPERATIVES	366	35.02 ****
SALES WORKERS	44	4.21	Assembler	23	2.20
Sales Representative	44	4.21	Drill Press & Boring Mach Oper	27	2.58
CLERICAL WORKERS	133	12.73 **	Filers/Grinders/Buffers/Cleaner	20	1.91
Accounting Clerk	19	1.82	Gear Cutter/Gear Grinder	11	1.05
General Clerk	10	0.96	Lathe &/or Turning Mach Oper	48	4.59
Production Clerk	10	0.96	Machine Assembler	82	7.85 *
Secretary	17	1.63	Milling & Planing Mach Oper	31	2.97
Stock Clerk, Storeroom & Warehouse	19	1.82	Welder/Flamecutter	65	6.22 *
CRAFT WORKERS & SUPERVISORS	262	25.07 ***	SERVICE WORKERS	27	2.58
Crane, Derrick & Hoist Operator	13	1.24	Janitor/Porter/Cleaner	20	1.91
Inspector	11	1.05	LABORERS EXCEPT FARM	12	1.15

1983-91 Growth Rate . . . 50.23%

1984 New Hire Rate . . . 25.32%

1991 Proj. Employment . . . 9,400



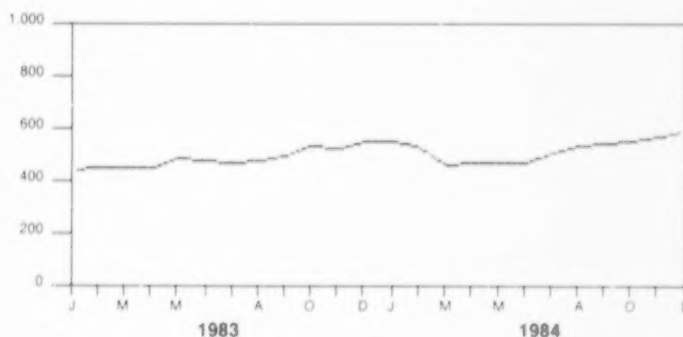
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	3,213	4,155	5,284	6,207	6,257	5,491
Number of Firms	10	11	14	15	17	27
Average Weekly Earnings	\$326.34	\$363.06	\$403.06	\$442.94	\$479.92	\$497.31

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	2,362	37.62 ****	CLERICAL WORKERS (cont.)		
Accountant/Auditor	41	0.65	Order Clerk	80	1.27
Commercial Artist	11	0.18	Personnel Clerk	14	0.22
Computer Programmer	51	0.81	Production Clerk	88	1.40
Designer	12	0.19	Secretary	197	3.14
Drafter	66	1.05	Stock Clerk, Storeroom & Warehouse	119	1.90
Electrical/Electronic Engineer	956	15.23 **	Switchboard Oper./Receptionist	11	0.18
Electrical/Electronic Tech	619	9.86 *	Typist/Word Processor	14	0.22
Industrial Engineer	117	1.86	CRAFT WORKERS & SUPERVISORS	637	10.15 **
Industrial Engineering Technician	12	0.19	Electrician	15	0.24
Market Research Analyst	11	0.18	Inspector	308	4.91
Mechanical Engineer	169	2.69	Machinist	27	0.43
Mechanical Engineering Tech	38	0.61	Maintenance Repairer, Gen Utility	18	0.29
Personnel & Labor Relations Spec	17	0.27	Supervisor, Nonworking Exc Service	122	1.94
Systems Analyst, EDP	32	0.51	Tool & Die Maker	20	0.32
Writer &/or Editor	79	1.26	OPERATIVES	1,522	24.24 ***
MANAGERS & OFFICERS	666	10.61 **	Assembler	914	14.56 **
Purchasing Agent &/or Buyer	36	0.57	Compression/Injection Molding Oper	11	0.18
CLERICAL WORKERS	844	13.44 **	Electrical/Electronic Assembler	482	7.68 *
Accounting Clerk	68	1.08	Electro-Mechanical Assembler	38	0.61
Clerical Supervisor	24	0.38	Shipping Packer	26	0.41
Computer Operator	21	0.33	SERVICE WORKERS	58	0.92
Duplicating Machine Operator	11	0.18	Guard/Doorkeeper	14	0.22
General Clerk	85	1.35	Janitor/Porter/Cleaner	44	0.70
Key Punch/Data Entry Oper	12	0.19	LABORERS EXCEPT FARM	181	2.88

1983-91 Growth Rate ... 17.04%

1984 New Hire Rate ... 77.50%

1991 Proj. Employment ... 570



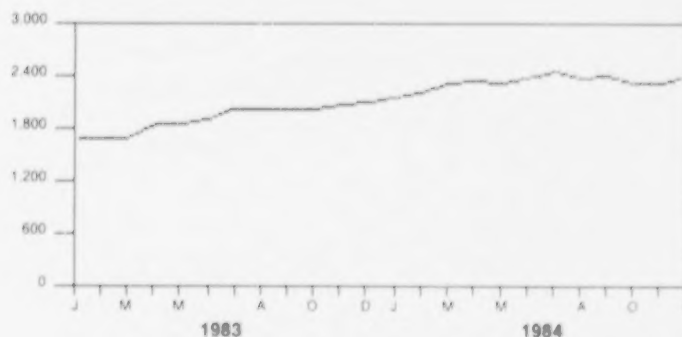
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	608	558	585	571	485	518
Number of Firms	21	22	25	24	16	14
Average Weekly Earnings	\$321.98	\$340.07	\$354.40	\$379.93	\$393.06	\$400.40

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	57	11.63 **	CRAFT WORKERS & SUPERVISORS ..	84	17.14 **
Civil Engineer	18	3.67	Millwright	10	2.04
Drafter	14	2.86	Sheet Metal Worker	52	10.61 **
Mechanical Engineer	10	2.04	Supervisor, Nonworking Exc Service ..	12	2.45
MANAGERS & OFFICERS	44	8.98 *	OPERATIVES	213	43.47 *****
Purchasing Agent &/or Buyer	13	2.65	Assembler	85	17.35 **
SALES WORKERS	14	2.86	Electrical/Electronic Assembler	13	2.65
Sales Representative	14	2.86	Mach Tool Oper, Combination	26	5.31 *
CLERICAL WORKERS	66	13.47 **	Machine Assembler	16	3.27
Accounting Clerk	16	3.27	Welder/Flamecutter	28	5.71 *

1983-91 Growth Rate . . . 24.35%

1984 New Hire Rate . . . 105.85%

1991 Proj. Employment . . . 2,400



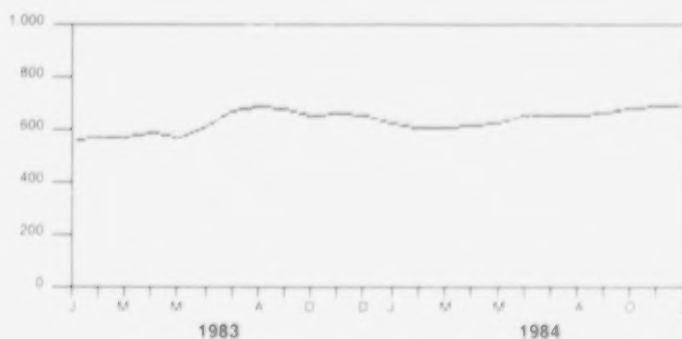
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,604	2,644	2,333	2,048	1,924	2,342
Number of Firms	219	242	243	234	217	229
Average Weekly Earnings	\$319.15	\$358.06	\$381.28	\$397.99	\$391.67	\$395.89

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	56	2.89	CRAFT WORKERS & SUPERVISORS (cont.)		
Drafter	21	1.08	Sheet Metal Worker	30	1.55
Mechanical Engineer	12	0.62	Supervisor, Nonworking Exc Service	44	2.27
MANAGERS & OFFICERS	158	8.16 *	Tool & Die Maker	20	1.03
Purchasing Agent &/or Buyer	10	0.52	OPERATIVES	734	37.91 ****
SALES WORKERS	52	2.69	Drill Press & Boring Mach Oper	65	3.36
Sales Representative	52	2.69	Grinding or Abrading Mach OP	22	1.14
CLERICAL WORKERS	211	10.90 **	Lathe &/or Turning Mach Oper	114	5.89 *
Bookkeeper	35	1.81	Mach Tool Oper, Combination	142	7.33 *
General Clerk	73	3.77	Mach Tool Oper, Numerical Control	64	3.31
Production Clerk	12	0.62	Machine Assembler	38	1.96
Secretary	21	1.08	Milling & Planing Mach Oper	28	1.45
Shipping & Receiving Clerk	11	0.57	Punch Press Oper, Metal	27	1.39
Stock Clerk, Storeroom & Warehouse	23	1.19	Truck Driver	14	0.72
CRAFT WORKERS & SUPERVISORS	647	33.42 ****	Welder/Flamecutter	158	8.16 *
Inspector	11	0.57	SERVICE WORKERS	47	2.43
Machinist	486	25.10 ***	Janitor/Porter/Cleaner	46	2.38
			LABORERS EXCEPT FARM	31	1.60
			Helper, Trades	20	1.03

1983-91 Growth Rate . . . 26.75%

1984 New Hire Rate . . . 40.09%

1991 Proj. Employment . . . 796



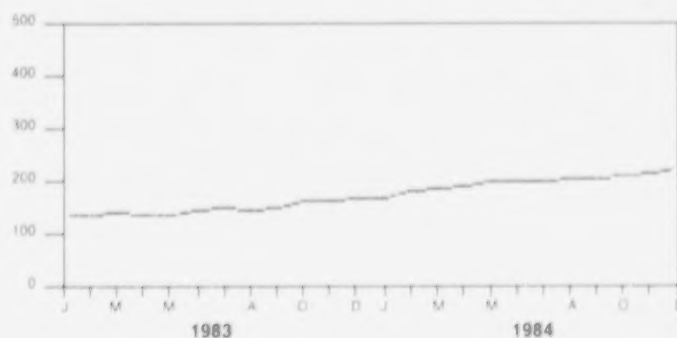
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	955	861	836	725	628	653
Number of Firms	19	20	18	15	11	12
Average Weekly Earnings	\$267.38	\$291.59	\$316.42	\$337.89	\$354.65	\$372.45

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	60	9.42 *	OPERATIVES	302	47.41 *****
Drafter	14	2.20	Assembler	23	3.61
Electrical/Electronic Engineer	10	1.57	Coil Finisher	12	1.88
Tester	12	1.88	Coil Winder	26	4.08
MANAGERS & OFFICERS	56	8.79 *	Electrical/Electronic Assembler	88	13.81 **
SALES WORKERS	25	3.92	Electro-Mechanical Assembler	29	4.55
Sales Representative	25	3.92	Filers/Grinders/Buffers/Cleaner	11	1.73
CLERICAL WORKERS	108	16.95 **	Punch Press Oper., Metal	10	1.57
Shipping & Receiving Clerk	11	1.73	Welder/Flamecutter	26	4.08
Stock Clerk, Storeroom & Warehouse	14	2.20	LABORERS EXCEPT FARM	19	2.98
CRAFT WORKERS & SUPERVISORS	66	10.36 **			
Inspector	12	1.88			
Supervisor, Nonworking Exc Service	21	3.30			

1983-91 Growth Rate ... 14.56%

1984 New Hire Rate ... 64.00%

1991 Proj. Employment ... 181



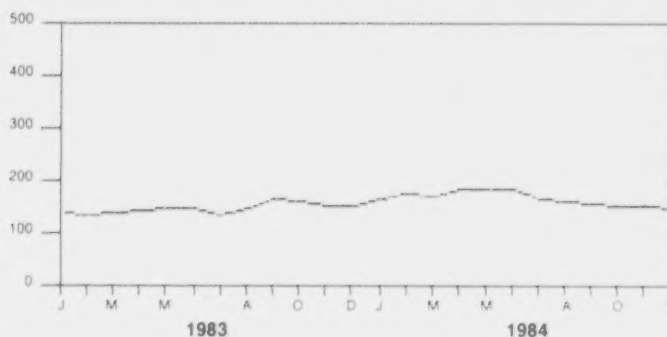
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	176	219	182	137	156	205
Number of Firms	13	14	15	14	17	14
Average Weekly Earnings	\$295.13	\$329.34	\$371.08	\$388.10	\$416.06	\$431.66

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	62	38.04 ****	CLERICAL WORKERS	21	12.88 **
Drafter	12	7.36 *	CRAFT WORKERS & SUPERVISORS	19	11.66 **
Electrical/Electronic Engineer	11	6.75 *	OPERATIVES	39	23.93 ***
Electrical/Electronic Tech	24	14.72 **	Electrical/Electronic Assembler	27	16.56 **
MANAGERS & OFFICERS	18	11.04 **			

1983-91 Growth Rate . . . 32.08%

1984 New Hire Rate . . . 45.09%

1991 Proj. Employment . . . 210



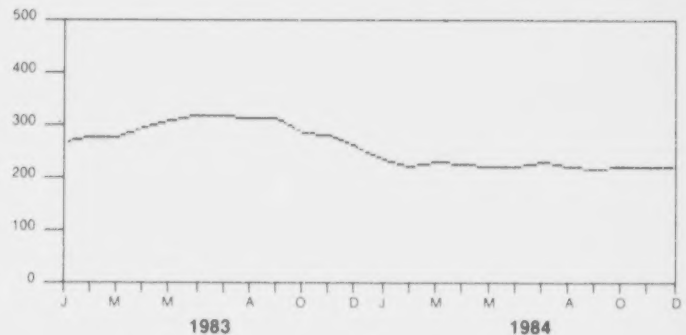
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	241	236	213	175	158	177
Number of Firms	14	14	13	11	9	10
Average Weekly Earnings	\$266.09	\$289.64	\$317.28	\$324.19	\$369.99	\$345.17

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	21	12.50 **	OPERATIVES	87	51.79 *****
MANAGERS & OFFICERS	12	7.14 *	Machine Assembler	18	10.71 **
CLERICAL WORKERS	20	11.90 **	Punch Press Oper, Metal	18	10.71 **
CRAFT WORKERS & SUPERVISORS . .	20	11.90 **			

1983-91 Growth Rate . . . 27.74%

1984 New Hire Rate . . . 55.45%

1991 Proj. Employment . . . 373



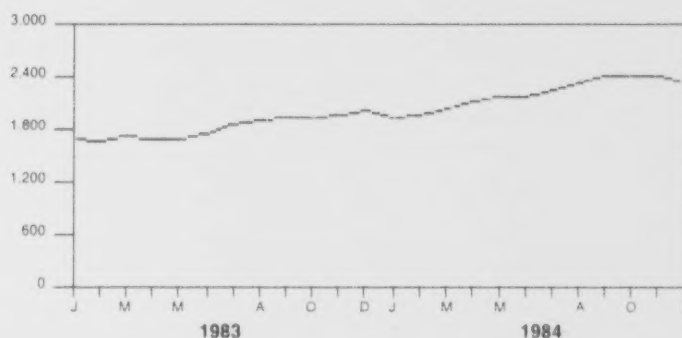
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	307	303	326	319	290	224
Number of Firms	13	13	15	14	11	11
Average Weekly Earnings	\$240.13	\$244.23	\$228.53	\$268.93	\$288.43	\$287.11

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	76	25.25 ***	CLERICAL WORKERS	53	17.61 **
Electrical/Electronic Engineer	14	4.65	CRAFT WORKERS & SUPERVISORS ..	17	5.65 *
Tester	21	6.98 *	OPERATIVES	120	39.87 ****
Video Recording Engineer	12	3.99	Electrical/Electronic Assembler	110	36.54 ****
MANAGERS & OFFICERS	28	9.30 *			

1983-91 Growth Rate ... 36.17%

1984 New Hire Rate ... 66.55%

1991 Proj. Employment ... 2,500



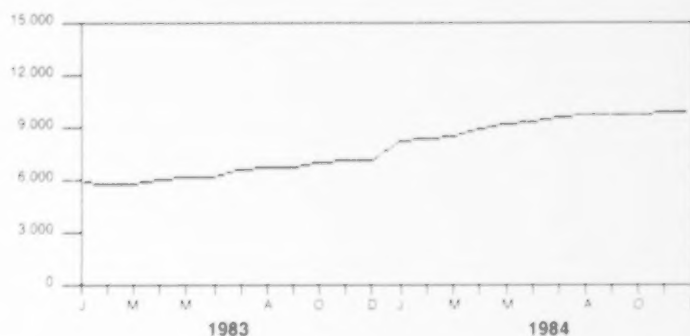
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,255	1,648	1,744	1,752	1,832	2,233
Number of Firms	30	31	34	40	44	53
Average Weekly Earnings	\$253.30	\$291.58	\$318.68	\$358.71	\$385.47	\$386.29

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	370	20.07 ***	CLERICAL WORKERS (cont.)		
Accountant/Auditor	18	0.98	Shipping & Receiving Clerk	33	1.79
Designer	18	0.98	Stock Clerk, Storeroom & Warehouse	19	1.03
Drafter	36	1.95	Switchboard Oper./Receptionist	11	0.60
Electrical/Electronic Engineer	74	4.01	Typist/Word Processor	18	0.98
Electrical/Electronic Tech	84	4.56	CRAFT WORKERS & SUPERVISORS ..	139	7.54 *
Industrial Engineer	10	0.54	Electric Instrument Repairer	11	0.60
Mechanical Engineer	15	0.81	Electric Motor Repairer	14	0.76
Mechanical Engineering Tech	11	0.60	Inspector	29	1.57
Personnel & Labor Relations Spec ...	10	0.54	Maintenance Repairer, Gen Utility	13	0.70
Systems Analyst, EDP	17	0.92	Supervisor, Nonworking Exc Service ..	42	2.28
Tester	51	2.77	OPERATIVES	842	45.66 *****
MANAGERS & OFFICERS	158	8.57 *	Assembler	41	2.22
Purchasing Agent &/or Buyer	16	0.87	Coil Winder	11	0.60
SALES WORKERS	55	2.98	Electrical/Electronic Assembler	410	22.23 ***
Sales Representative	53	2.87	Electro-Mechanical Assembler	189	10.25 **
CLERICAL WORKERS	255	13.83 **	Instrument Maker/Assembler	15	0.81
Accounting Clerk	31	1.68	Mach Tool Oper, Combination	46	2.49
General Clerk	23	1.25	Screen or Stencil Printer/Setter	12	0.65
Order Clerk	14	0.76	Shipping Packer	28	1.52
Production Clerk	13	0.70	Welder/Flamecutter	18	0.98
Secretary	29	1.57	Wired, Electronic	31	1.68
			SERVICE WORKERS	12	0.65
			Janitor/Porter/Cleaner	10	0.54
			LABORERS EXCEPT FARM	13	0.70

1983-91 Growth Rate 54.44%

1984 New Hire Rate ... 52.13%

1991 Proj. Employment ... 10,000



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,597	5,595	5,699	5,854	6,468	9,264
Number of Firms	46	50	56	61	68	80
Average Weekly Earnings	\$249.43	\$313.22	\$343.71	\$387.21	\$419.80	\$426.13

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL			CLERICAL WORKERS (cont.)		
Accountant/Auditor	35	0.54	Payroll &/or Timekeeping Clerk	15	0.23
Computer Programmer	10	0.15	Production Clerk	91	1.41
Drafter	54	0.83	Secretary	120	1.85
Electrical/Electronic Engineer	410	6.33 *	Shipping & Receiving Clerk	51	0.79
Electrical/Electronic Tech	367	5.67 *	Stock Clerk, Storeroom & Warehouse	85	1.31
Industrial Engineer	114	1.76	Typist/Word Processor	14	0.22
Industrial Engineering Technician	13	0.20	CRAFT WORKERS & SUPERVISORS ..	846	13.07 **
Market Research Analyst	28	0.43	Electric Instrument Repairer	11	0.17
Mechanical Engineer	29	0.45	Inspector	287	4.43
Personnel & Labor Relations Spec	50	0.77	Instrument Mechanic	15	0.23
Systems Analyst, EDP	15	0.23	Maintenance Mechanic	46	0.71
Tester	127	1.96	Maintenance Repairer, Gen Utility	63	0.97
Writer &/or Editor	15	0.23	Sheet Metal Worker	36	0.56
MANAGERS & OFFICERS	366	5.65 *	Supervisor, Nonworking Exc Service	226	3.49
Purchasing Agent &/or Buyer	31	0.48	Supervisor, Nonworking Service	15	0.23
SALES WORKERS	12	0.19	Tool & Die Maker	11	0.17
Sales Representative	12	0.19	OPERATIVES	3,014	46.55 **** *
CLERICAL WORKERS	732	11.31 **	Assembler	136	2.10
Accounting Clerk	41	0.63	Coil Finisher	127	1.96
Bookkeeper	13	0.20	Coil Winder	103	1.59
Clerical Supervisor	24	0.37	Drill Press & Boring Mach Oper	19	0.29
Computer Operator	25	0.39	Electrical/Electronic Assembler	866	13.37 **
General Clerk	178	2.75	Electro-Mechanical Assembler	231	3.57
Key Punch/Data Entry Oper	23	0.36			

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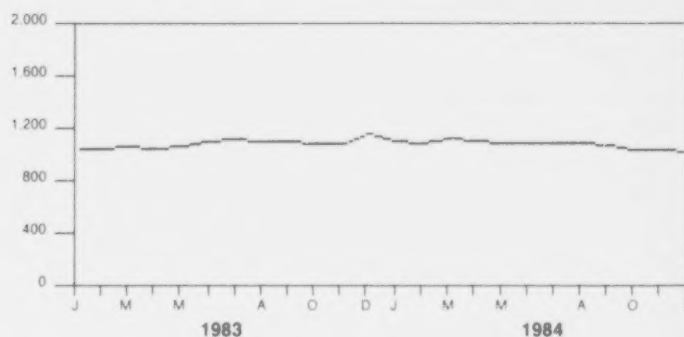
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
OPERATIVES (cont.)			OPERATIVES (cont.)		
Electroplater	46	0.71	Shear &/or Slitter Oper	11	0.17
Etcher &/or Engraver Mach Oper	41	0.63	Welder/Flamecutter	21	0.32
Impregnator, Electronic	48	0.74	SERVICE WORKERS	153	2.36
Painter, Production	13	0.20	Guard/Doorkeeper	94	1.45
Punch Press Oper, Metal	13	0.20	Janitor/Porter/Cleaner	59	0.91
Screen or Stencil Printer/Setter	35	0.54	LABORERS EXCEPT FARM	31	0.48

1983-91 Growth Rate . . . -7.75%

1984 New Hire Rate . . . 59.47%

1991 Proj. Employment . . . 1,000



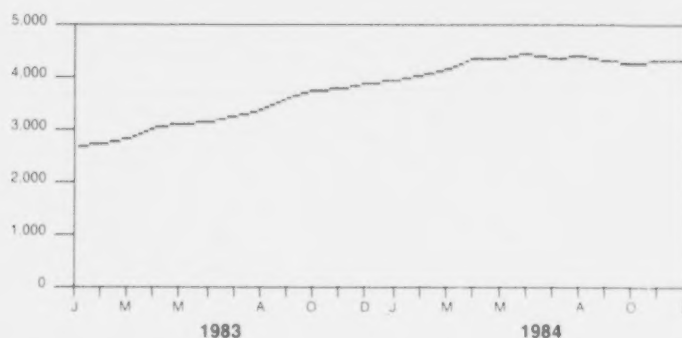
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,026	965	1,080	1,122	1,083	1,068
Number of Firms	26	29	28	31	24	24
Average Weekly Earnings	\$307.47	\$341.37	\$376.42	\$385.59	\$420.40	\$438.01

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	92	8.49 *	CRAFT WORKERS & SUPERVISORS ..	156	14.40 **
Electrical/Electronic Engineer	30	2.77	Electric Motor Repairer	32	2.95
Electrical/Electronic Tech	20	1.85	Inspector	19	1.75
Tester	13	1.20	Maintenance Mechanic	18	1.66
MANAGERS & OFFICERS	75	6.93 *	Molder, Machine	14	1.29
SALES WORKERS	14	1.29	Sheet Metal Worker	10	0.92
Sales Representative	14	1.29	Supervisor, Nonworking Exc Service .	29	2.68
CLERICAL WORKERS	114	10.53 **	OPERATIVES	555	51.25 *****
Accounting Clerk	17	1.57	Assembler	205	18.93 **
Order Clerk	14	1.29	Electrical/Electronic Assembler	163	15.05 **
Production Clerk	13	1.20	Electro-Mechanical Assembler	30	2.77
Secretary	11	1.02	Electroplater	12	1.11
Shipping & Receiving Clerk	14	1.29	Industrial Truck Operator	16	1.48
Stock Clerk, Storeroom & Warehouse	15	1.39	Shipping Packer	10	0.92
			Truck Driver	30	2.77
			Welder/Flamecutter	16	1.48
			SERVICE WORKERS	34	3.14
			Janitor/Porter/Cleaner	34	3.14
			LABORERS EXCEPT FARM	43	3.97

1983-91 Growth Rate ... 65.71%

1984 New Hire Rate ... 49.87%

1991 Proj. Employment ... 5,500



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	5,518	4,150	3,572	2,933	3,315	4,288
Number of Firms	95	88	78	76	73	84
Average Weekly Earnings	\$354.40	\$413.28	\$463.20	\$492.31	\$514.97	\$505.22

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	297	8.95 *	CLERICAL WORKERS (cont.)		
Accountant/Auditor	33	0.99	Secretary	68	2.05
Computer Programmer	35	1.05	Shipping & Receiving Clerk	30	0.90
Drafter	40	1.21	Stock Clerk, Storeroom & Warehouse	41	1.24
Electrical/Electronic Engineer	10	0.30	CRAFT WORKERS & SUPERVISORS ..	568	17.12 **
Industrial Engineer	20	0.60	Automotive Mechanic	35	1.05
Mechanical Engineer	59	1.78	Inspector	34	1.02
Mechanical Engineering Tech	14	0.42	Machinist	62	1.87
Personnel & Labor Relations Spec	14	0.42	Maintenance Mechanic	25	0.75
Statistician	18	0.54	Maintenance Repairer, Gen Utility	40	1.21
Systems Analyst, EDP	24	0.72	Mobile Home Repairer	24	0.72
Tester	10	0.30	Molder, Machine	22	0.66
MANAGERS & OFFICERS	295	8.89 *	Plumber &/or Pipefitter	15	0.45
Purchasing Agent &/or Buyer	56	1.69	Setter, Molding & Coremaking Mach	15	0.45
SALES WORKERS	76	2.29	Sheet Metal Worker	138	4.16
Sales Representative	76	2.29	Supervisor, Nonworking Exc Service	81	2.44
CLERICAL WORKERS	446	13.44 **	Tool & Die Maker	28	0.84
Accounting Clerk	31	0.93	OPERATIVES	1,495	45.06 *****
Bookkeeper	19	0.57	Assembler	347	10.46 **
Clerical Supervisor	41	1.24	Drill Press & Boring Mach Oper	59	1.78
General Clerk	54	1.63	Electro-Mechanical Assembler	48	1.45
Key Punch/Data Entry Oper	17	0.51	Fabricator, Plastics	15	0.45
Payroll &/or Timekeeping Clerk	16	0.48	Filers/Grinders/Buffers/Cleaner	18	0.54
Peripheral Equip Oper	10	0.30	Furnace Oper &/or Cupola Tender	35	1.05
Production Clerk	16	0.48			

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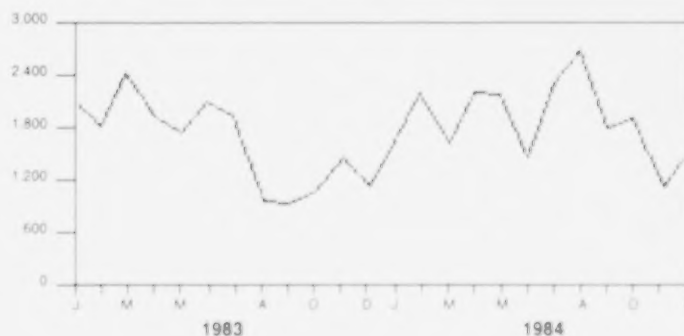
Occupation	1983 Employ- ment	Percent
OPERATIVES (cont.)		
Gear Cutter/Gear Grinder	10	0.30
Grinding/Abrading Mach Oper	27	0.81
Industrial Truck Operator	67	2.02
Lathe &/or Turning Mach Oper	85	2.56
Mach Tool Oper, Combination	58	1.75
Mach Tool Oper, Numerical Control ..	19	0.57
Machine Assembler	65	1.96
Milling & Planing Mach Oper	14	0.42
Painter, Production	85	2.56

Occupation	1983 Employ- ment	Percent
OPERATIVES (cont.)		
Punch Press Oper, Metal	23	0.69
Pwr Brk &/or Bending Mach Oper	50	1.51
Shear &/or Slitter Oper	21	0.63
Truck Driver	10	0.30
Welder/Flamecutter	381	11.48 **
SERVICE WORKERS	42	1.27
Janitor/Porter/Cleaner	39	1.18
LABORERS EXCEPT FARM	99	2.98
Helper, Trades	65	1.96
Order Filler	28	0.84

1983-91 Growth Rate . . . 49.81%

1984 New Hire Rate . . . 191.56%

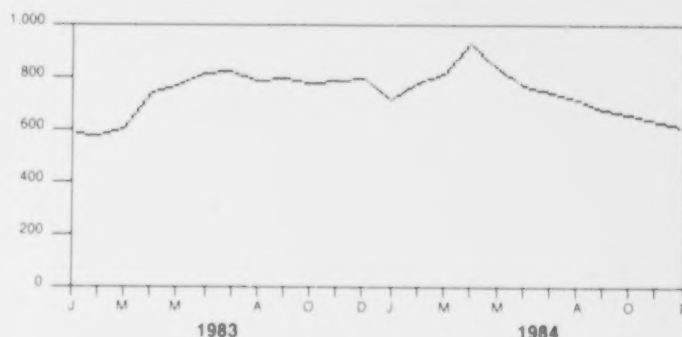
1991 Proj. Employment . . . 2,400



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,618	2,570	2,365	2,576	1,676	1,903
Number of Firms	80	77	75	70	60	64
Average Weekly Earnings	\$372.37	\$443.17	\$552.25	\$545.92	\$465.64	\$516.77

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	17	1.02	CRAFT WORKERS & SUPERVISORS (cont.)		
MANAGERS & OFFICERS	67	4.01	Sheet Metal Worker	42	2.51
Purchasing Agent &/or Buyer	10	0.60	Ship Fitter	146	8.73 *
CLERICAL WORKERS	55	3.29	Ship Wright	52	3.11
General Clerk	13	0.78	Supervisor, Nonworking Exc. Service	38	2.27
Secretary	13	0.78	Upholsterer	10	0.60
CRAFT WORKERS & SUPERVISORS ..	890	53.23 *****	OPERATIVES	417	24.94 ***
Boiler Maker	73	4.37	Assembler	12	0.72
Carpenter	39	2.33	Laminator, Preforms	59	3.53
Crane, Derrick & Hoist Operator	36	2.15	Machine Assembler	24	1.44
Electrician	86	5.14 *	Painter, Production	51	3.05
Machinist	75	4.49	Welder/Flamecutter	223	13.34 **
Marine Mechanic	57	3.41	SERVICE WORKERS	10	0.60
Plumber &/or Pipefitter	214	12.80 **	LABORERS EXCEPT FARM	214	12.80 **
			Helper, Trades	15	0.90
			Hook & Chainer	67	4.01

1983-91 Growth Rate ... 59.71%
 1984 New Hire Rate ... 81.20%
 1991 Proj. Employment ... 1,193



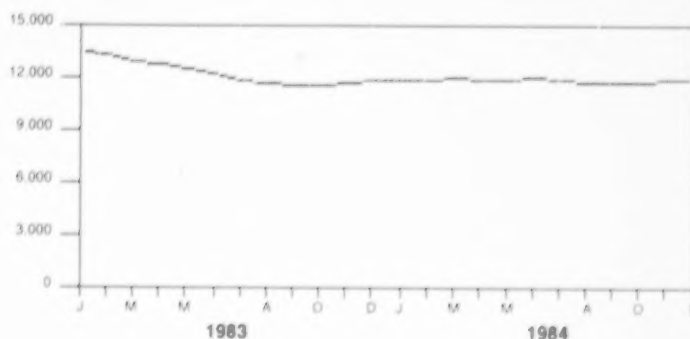
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	746	532	667	590	744	746
Number of Firms	40	38	33	31	28	29
Average Weekly Earnings	\$235.35	\$264.19	\$298.26	\$336.86	\$366.80	\$363.80

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	10	1.33	CRAFT WORKERS & SUPERVISORS (cont.)		
MANAGERS & OFFICERS	69	9.15 *	Plumber &/or Pipefitter	13	1.72
Purchasing Agent &/or Buyer	18	2.39	Sheet Metal Worker	15	1.99
SALES WORKERS	31	4.11	Supervisor, Nonworking Exc Service ..	20	2.65
Sales Representative	31	4.11	OPERATIVES	417	55.31 *****
CLERICAL WORKERS	74	9.81 *	Assembler	216	28.65 ***
Bookkeeper	12	1.59	Electrical/Electronic Assembler	19	2.52
Stock Clerk, Storeroom & Warehouse ..	11	1.46	Industrial Truck Operator	11	1.46
CRAFT WORKERS & SUPERVISORS ..	115	15.25 **	Truck Driver	10	1.33
Cabinet Maker	15	1.99	Welder/Flamecutter	54	7.16 *
Machinist	11	1.46	SERVICE WORKERS	10	1.33
Maintenance Repairer, Gen Utility	13	1.72	Janitor/Porter/Cleaner	10	1.33
			LABORERS EXCEPT FARM	28	3.71
			Helper, Trades	26	3.45

1983-91 Growth Rate ... 39.27%

1984 New Hire Rate ... 15.02%

1991 Proj. Employment ... 17,200



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	15,224	16,462	15,544	14,334	12,347	11,881
Number of Firms	16	21	24	23	23	28
Average Weekly Earnings	\$304.25	\$340.86	\$356.89	\$421.86	\$444.22	\$498.60

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	3,561	28.83 ***	CLERICAL WORKERS	1,890	15.30 **
Accountant/Auditor	115	0.93	Accounting Clerk	116	0.94
Chemical Engineer	10	0.08	Clerical Supervisor	39	0.32
Civil Engineer	13	0.11	Computer Operator	34	0.28
Commercial Artist	19	0.15	Dispatcher, Vehicle Service/Work	16	0.13
Computer Programmer	74	0.60	General Clerk	174	1.41
Drafter	95	0.77	Key Punch/Data Entry Oper	64	0.52
Electrical/Electronic Engineer	771	6.24 *	Mail Clerk	23	0.19
Electrical/Electronic Tech	1,058	8.57 *	Order Clerk	28	0.23
Industrial Engineer	118	0.96	Production Clerk	209	1.69
Industrial Engineering Technician	62	0.50	Secretary	382	3.09
Market Research Analyst	16	0.13	Statistical Clerk	31	0.25
Mechanical Engineer	97	0.79	Stock Clerk, Storeroom & Warehouse	379	3.07
Mechanical Engineering Tech	55	0.45	Switchboard Oper	28	0.23
Nurse Professional	14	0.11	Typist/Word Processor	100	0.81
Personnel & Labor Relations Spec	65	0.53	CRAFT WORKERS & SUPERVISORS ..	1,250	10.12 **
Physicist	17	0.14	Bookbinder, Machine	13	0.11
Systems Analyst, EDP	174	1.41	Camera Operator	13	0.11
Teacher, Vocational Education	53	0.43	Inspector	421	3.41
Tester	122	0.99	Instrument Mechanic	80	0.65
Writer &/or Editor	139	1.13	Mach Tool Oper, Tool Room	22	0.18
MANAGERS & OFFICERS	1,232	9.98 *	Machinist	64	0.52
Purchasing Agent &/or Buyer	51	0.41	Maintenance Mechanic	16	0.13
SALES WORKERS	15	0.12	Maintenance Repairer, Gen Utility	222	1.80
Sales Representative	15	0.12			

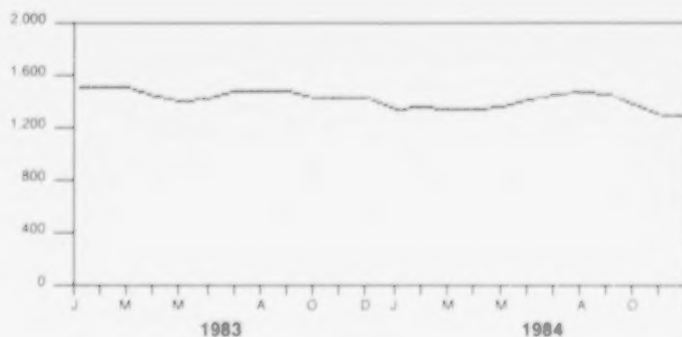
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CRAFT WORKERS & SUPERVISORS (cont.)			OPERATIVES (cont.)		
Offset Lithographic Press Oper	17	0.14	Mach Tool Oper, Numerical Control	98	0.79
Supervisor, Nonworking Exc Service	127	1.03	Milling & Planing Mach Oper	21	0.17
Supervisor, Nonworking Service	11	0.09	Painter, Production	10	0.08
Tool & Die Maker	46	0.37	Punch Press Oper, Metal	46	0.37
OPERATIVES	3,711	30.05 ***	Pwr Brk &/or Bending Mach Oper	12	0.10
Assembler	1,270	10.28 **	Screen or Stencil Printer/Setter	10	0.08
Compression/Injection Molding Oper	51	0.41	Shipping Packer	40	0.32
Diecast Moulder/Set-Up	11	0.09	Truck Driver	49	0.40
Drill Press & Boring Mach Oper	34	0.28	Welder/Flamecutter	16	0.13
Electrical/Electronic Assembler	1,410	11.42 **	Wired, Electronic	13	0.11
Electroplater	19	0.15	SERVICE WORKERS	201	1.63
Filers/Grinders/Buffers/Cleaner	13	0.11	Food Service Worker	16	0.13
Instrument Maker/Assembler	79	0.64	Guard/Doorkeeper	29	0.23
Lathe &/or Turning Mach Oper	36	0.29	Janitor/Porter/Cleaner	150	1.21
			LABORERS EXCEPT FARM	490	3.97

1983-91 Growth Rate . . . 27.95%

1984 New Hire Rate . . . 56.74%

1991 Proj. Employment . . . 1,900



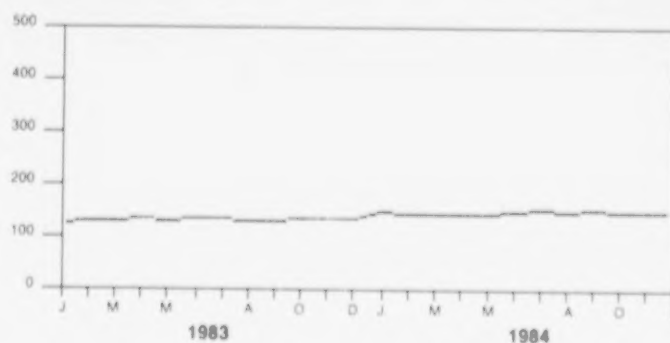
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,420	1,457	1,528	1,575	1,479	1,385
Number of Firms	42	48	51	58	55	60
Average Weekly Earnings	\$292.58	\$326.67	\$362.18	\$391.58	\$406.86	\$413.12

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	203	13.65 **	CRAFT WORKERS & SUPERVISORS ..	176	11.84 **
Artificial App Maker	14	0.94	Inspector	30	2.02
Drafter	26	1.75	Machine Tool Setter, Metal	12	0.81
Electrical/Electronic Engineer	17	1.14	Machinist	16	1.08
Electrical/Electronic Tech	48	3.23	Maintenance Mechanic	19	1.28
Mechanical Engineer	19	1.28	Supervisor, Nonworking Exc Service	40	2.69
Tester	31	2.08	Tool & Die Maker	17	1.14
MANAGERS & OFFICERS	147	9.89 *	OPERATIVES	593	39.88 ****
Purchasing Agent &/or Buyer	24	1.61	Assembler	189	12.71 **
SALES WORKERS	58	3.90	Electrical/Electronic Assembler	40	2.69
Sales Representative	57	3.83	Electro-Mechanical Assembler	50	3.36
CLERICAL WORKERS	279	18.76 **	Filers/Grinders/Buffers/Cleaner	43	2.89
Accounting Clerk	45	3.03	Grinding/Abrading Mach Oper	19	1.28
Adjustment Clerk	10	0.67	Industrial Truck Operator	11	0.74
Bookkeeper	19	1.28	Mach Tool Oper, Combination	116	7.80 *
General Clerk	33	2.22	Shipping Packer	19	1.28
Order Clerk	12	0.81	Wirer, Electronic	57	3.83
Production Clerk	15	1.01	LABORERS EXCEPT FARM	24	1.61
Secretary	43	2.89	Order Filler	16	1.08
Shipping & Receiving Clerk	23	1.55			
Stock Clerk, Storeroom & Warehouse	31	2.08			
Typist/Word Processor	11	0.74			

1983-91 Growth Rate ... 11.27%

1984 New Hire Rate ... 54.30%

1991 Proj. Employment ... 158



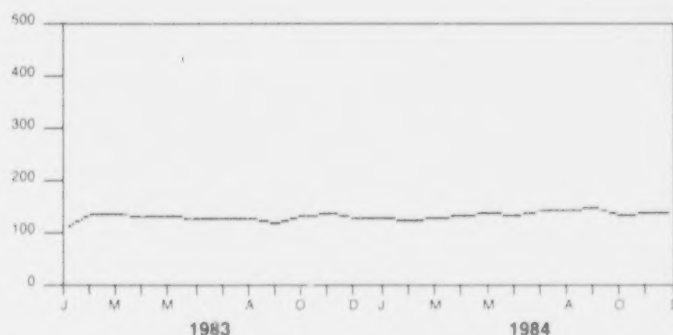
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	191	179	166	153	141	157
Number of Firms	12	12	12	12	10	12
Average Weekly Earnings	\$221.77	\$244.17	\$276.37	\$290.92	\$287.72	\$291.59

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	10	7.09 *	CRAFT WORKERS & SUPERVISORS ..	72	51.06 *****
CLERICAL WORKERS	35	24.82 ***	Lens Grinder	29	20.57 ***
			Optic Mech/Dispensing Optician	37	26.24 ***
			OPERATIVES	10	7.09 *

1983-91 Growth Rate . . . 25.19%

1984 New Hire Rate . . . 53.85%

1991 Proj. Employment . . . 169



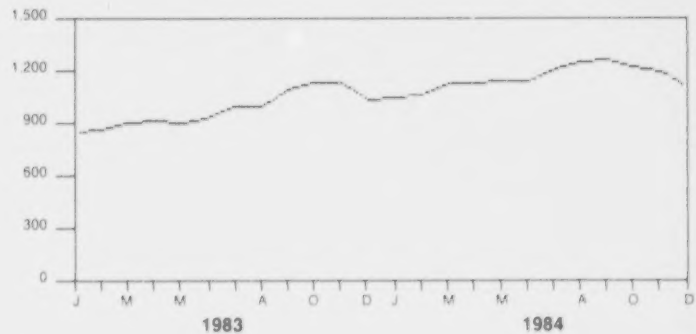
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	129	120	120	121	132	138
Number of Firms	22	21	21	22	23	25
Average Weekly Earnings	\$237.24	\$285.23	\$288.02	\$290.31	\$318.16	\$320.30

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	20	15.04 **	CRAFT WORKERS & SUPERVISORS ..	40	30.08 ****
SALES WORKERS	11	8.27 *	Jeweler &/or Silversmith	29	21.80 ***
Sales Representative	11	8.27 *	OPERATIVES	35	26.32 ***
CLERICAL WORKERS	22	16.54 **	Assembler	13	9.77 *

1983-91 Growth Rate . . . 34.27%

1984 New Hire Rate . . . 79.91%

1991 Proj. Employment . . . 1,340



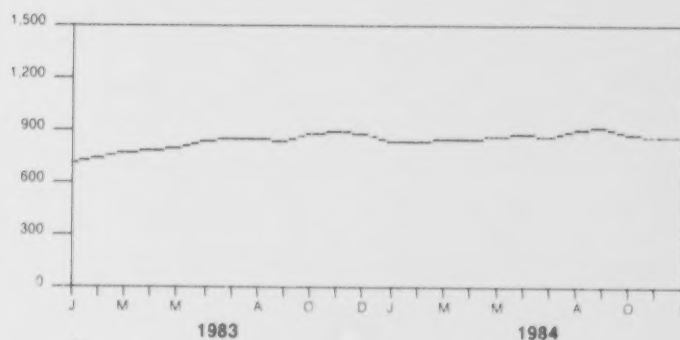
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	847	833	973	1,062	996	1,178
Number of Firms	47	52	54	53	50	56
Average Weekly Earnings	\$185.95	\$207.90	\$245.31	\$277.47	\$284.71	\$287.64

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	31	3.11	OPERATIVES	583	58.42 *****
MANAGERS & OFFICERS	59	5.91 *	Assembler	175	17.54 **
CLERICAL WORKERS	94	9.42 *	Compression/Injection Molding Oper	42	4.21
Accounting Clerk	15	1.50	Painter, Production	15	1.50
Bookkeeper	10	1.00	Production Packager	27	2.71
General Clerk	23	2.30	Punch Press Oper, Metal	10	1.00
Shipping & Receiving Clerk	11	1.10	Sewing Mach (Reg) Oper, Nongarment	116	11.62 **
CRAFT WORKERS & SUPERVISORS	114	11.42 **	Shipping Packer	22	2.20
Inspector	43	4.31	SERVICE WORKERS	10	1.00
Supervisor, Nonworking Exc Service	31	3.11	LABORERS EXCEPT FARM	98	9.82 *

1983-91 Growth Rate ... 49.15%

1984 New Hire Rate ... 86.19%

1991 Proj. Employment ... 1,232



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	842	854	884	836	822	870
Number of Firms	70	66	66	69	70	77
Average Weekly Earnings	\$242.68	\$271.99	\$291.33	\$311.94	\$336.07	\$331.71

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	26	3.12	OPERATIVES	354	42.50 *****
Designer	23	2.76	Assembler	59	7.08 *
MANAGERS & OFFICERS	82	9.84 *	Fabricator, Plastics	25	3.00
SALES WORKERS	53	6.36 *	Painter, Production	22	2.64
Sales Representative	45	5.40 *	Production Packager	32	3.84
CLERICAL WORKERS	86	10.32 **	Screen or Stencil Printer/Setter	29	3.48
Bookkeeper	19	2.28	Sewing Mach (Reg) Oper, Nongarment	14	1.68
General Clerk	18	2.16	Shipping Packer	10	1.20
CRAFT WORKERS & SUPERVISORS ..	165	19.81 **	SERVICE WORKERS	12	1.44
Electrician	21	2.52	Janitor/Porter/Cleaner	12	1.44
Sheet Metal Worker	31	3.72	LABORERS EXCEPT FARM	55	6.60 *
Sign Erector	30	3.60			
Supervisor, Nonworking Exc Service ..	22	2.64			

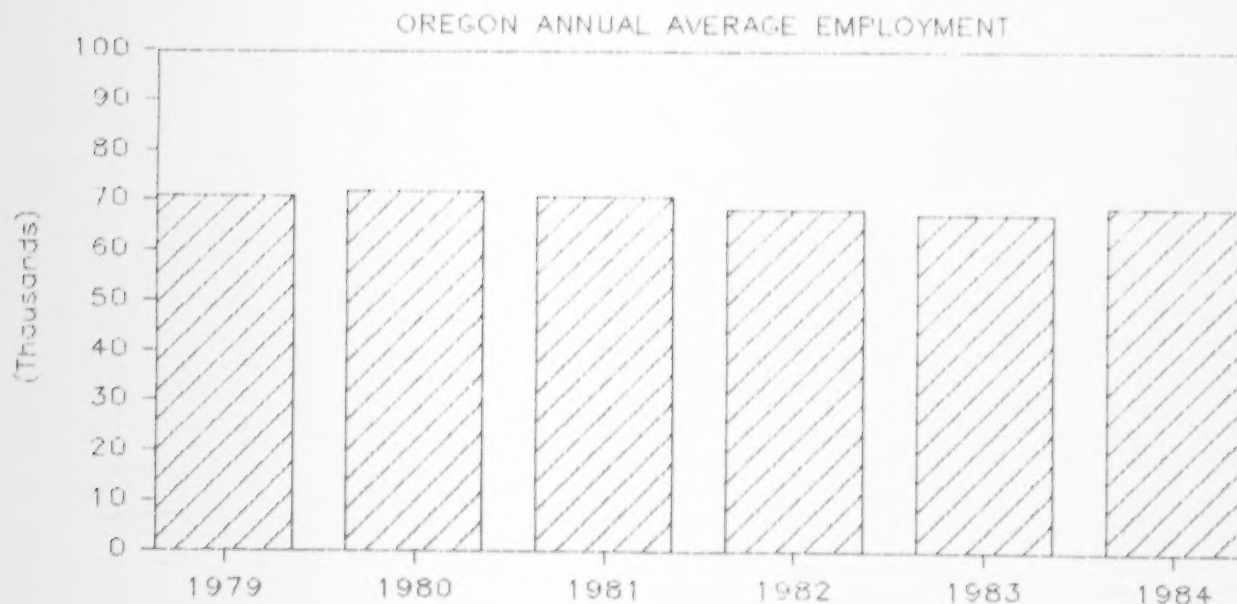
Transportation, Communications, & Utilities

This division includes establishments providing to general public or to other business enterprises passenger and freight transportation, communication services, electricity, gas, steam, water or sanitary services, and the U.S. Postal Service.

For many of the industries in this division, the establishments have activities, workers, and physical facilities distributed over an extensive geographic area. For this division, the establishment is represented by a relatively permanent office, shop, station, terminal, warehouse, etc. which is either (1) directly responsible for supervising such activities, or (2) the base from which personnel operate to carry out these activities. Many of the industries are engaged in various related activities. For example, establishments concerned with supplying electric energy, including the generating station, the network or system of transmission and distribution facilities, as well as maintenance, repair, and meter reading are all classified in the same electric services industry.

Those establishments which perform such activities as maintenance and repair of the physical facilities, and repair of railroad cars and engines are classified as Construction or Manufacturing if they serve other companies, but are included here if they do not. Separate industries are included in this division for terminal and maintenance services, where they are important, but otherwise these activities are included with industries which they serve.

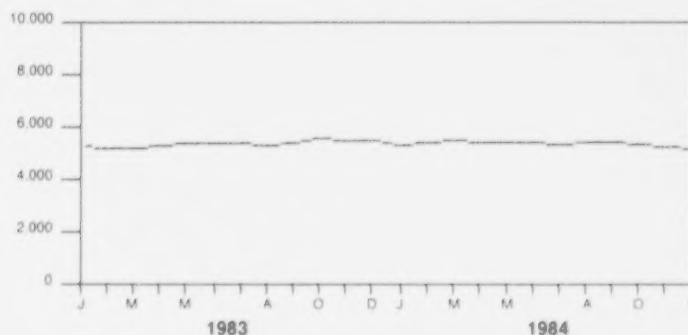
The establishments classified in this division furnish services to the general public or to other business enterprise; establishments which furnish similar services only to other establishments of the same enterprise are classified as auxiliary to the establishments or units of the enterprise which they serve. However, separate establishments primarily engaged in long-distance hauling, stevedoring, water transportation or pipe line transportation are classified according to their activity and not as auxiliaries, even though they serve only establishments of the same company.



1983-91 Growth Rate . . . 99.61%

1984 New Hire Rate . . . N.A.

1991 Proj. Employment . . . 5,400



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	7,566	7,337	6,919	6,011	5,389	5,355
Number of Firms	*	*	*	*	*	*
Average Weekly Earnings	*	*	*	*	*	*

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	98	1.82	CRAFT WORKERS & SUPERVISORS . .	1,910	35.48 ****
Civil Engineer	14	0.26	Automotive Mechanic	14	0.26
Drafter	14	0.26	Boiler Maker	14	0.26
MANAGERS & OFFICERS	609	11.31 **	Car Repairer	101	1.88
Train Conductor	369	6.85 *	Carpenter	72	1.34
CLERICAL WORKERS	1,206	22.40 ***	Crane, Derrick & Hoist Operator	14	0.26
Accounting Clerk	21	0.39	Diesel Mechanic	115	2.14
File Clerk	14	0.26	Elect Track Switch Maint	101	1.88
General Clerk	268	4.98	Electrician	108	2.01
Key Punch/Data Entry Oper	14	0.26	Heavy Equipment Operator	35	0.65
Payroll &/or Timekeeping Clerk	21	0.39	Hostler	65	1.21
Production Clerk	52	0.97	Inspector	232	4.31
Rate Clerk, Freight	35	0.65	Locomotive Engineer	486	9.03 *
Secretary	14	0.26	Locomotive Firer	138	2.56
Shipping & Receiving Clerk	43	0.80	Machinist	35	0.65
Station Agent	122	2.27	Painter, Maintenance	14	0.26
Stenographer	52	0.97	Plumber &/or Pipefitter	28	0.52
Stock Clerk, Storeroom & Warehouse	167	3.10	Sheet Metal Worker	28	0.52
Telegraph Operator	87	1.62	Supervisor, Nonworking Exc Service	268	4.98
Ticket Agent	94	1.75	Yard Engineer	14	0.26
Typist/Word Processor	21	0.39			
Yard Clerk	23	0.43			

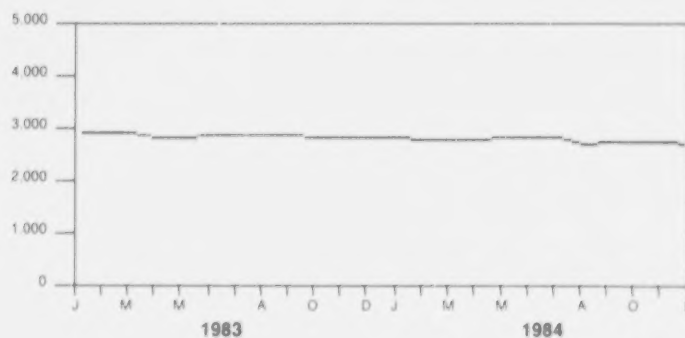
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
OPERATIVES	1,178	21.88 ***	SERVICE WORKERS	98	1.82
Braker	883	16.40 **	Guard/Doorkeeper	59	1.10
Industrial Truck Operator	14	0.26	Janitor/Porter/Cleaner	21	0.39
Tower Operator	21	0.39	LABORERS EXCEPT FARM	285	5.29 *
Truck Driver	43	0.80			
Welder/Flamecutter	43	0.80			

1983-91 Growth Rate ... 41.60%

1984 New Hire Rate ... 29.95%

1991 Proj. Employment ... 4,078



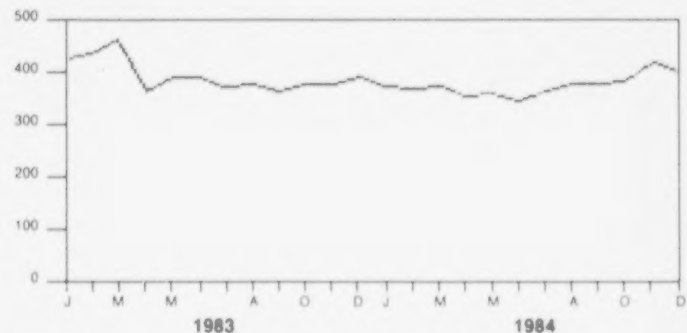
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,203	2,332	2,467	2,717	2,878	2,790
Number of Firms	45	43	41	43	48	54
Average Weekly Earnings	\$313.04	\$354.90	\$371.90	\$397.20	\$414.23	\$429.96

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	376	13.11 **	CRAFT WORKERS & SUPERVISORS ..	286	9.98 *
Emergency Medical Technician	262	9.14 *	Automotive Mechanic	12	0.42
Public Relations Practitioner	12	0.42	Diesel Mechanic	172	6.00 *
MANAGERS & OFFICERS	149	5.20 *	Maintenance Repairer, Gen Utility	14	0.49
CLERICAL WORKERS	292	10.18 **	Supervisor, Nonworking Exc Service ..	88	3.07
Accounting Clerk	11	0.38	OPERATIVES	1,516	52.88 *****
Bookkeeper	11	0.38	Bus Driver	1,431	49.91 *****
Bookkeeping & Billing Mach Oper	10	0.35	Chauffeur	62	2.16
Dispatcher, Police/Fire/Ambulance ..	29	1.01	Gas Station Attendant	10	0.35
Dispatcher Vehicle/Service Work	56	1.95	SERVICE WORKERS	161	5.62 *
General Clerk	24	0.84	Ambulance Driver &/or Attendant	130	4.53
Payroll &/or Timekeeping Clerk	16	0.56	Janitor/Porter/Cleaner	21	0.73
Secretary	29	1.01	LABORERS EXCEPT FARM	86	3.00
Stock Clerk, Storeroom & Warehouse	18	0.63	Helper, Trades	67	2.34

1983-91 Growth Rate . . . 24.18%

1984 New Hire Rate . . . 184.44%

1991 Proj. Employment . . . 493



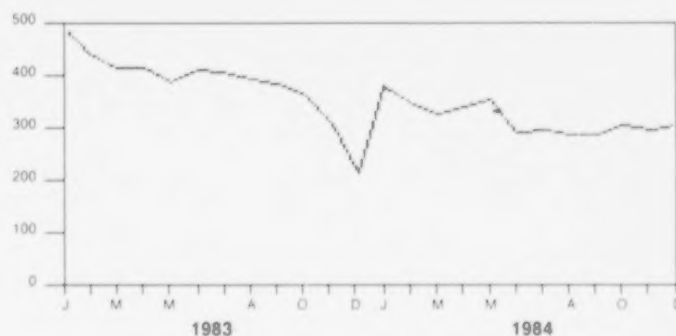
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	539	477	546	449	394	375
Number of Firms	39	35	35	33	31	29
Average Weekly Earnings	\$133.18	\$136.20	\$100.49	\$110.37	\$126.27	\$160.76

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	23	5.76 *	OPERATIVES	281	70.43 *****
CLERICAL WORKERS	90	22.56 ***	Gas Station Attendant	10	2.51
Dispatcher Vehicle/Service Work	71	17.79 **	Taxi Driver	271	67.92 *****

1983-91 Growth Rate ... 39.39%

1984 New Hire Rate ... 41.99%

1991 Proj. Employment ... 545



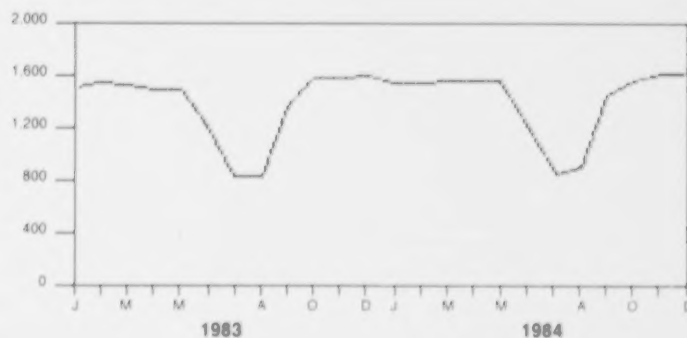
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	517	548	540	503	390	319
Number of Firms	14	15	15	16	15	13
Average Weekly Earnings	\$334.86	\$364.29	\$377.06	\$399.43	\$412.58	\$439.65

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	18	4.62	OPERATIVES	245	62.82 *****
CLERICAL WORKERS	51	13.08 **	Bus Driver	238	61.03 *****
Information Clerk	11	2.82	SERVICE WORKERS	14	3.59
Ticket Agent	12	3.08	LABORERS EXCEPT FARM	39	10.00 **
CRAFT WORKERS & SUPERVISORS ..	21	5.38 *	Baggage Checker	26	6.67 *
Diesel Mechanic	17	4.36	Cleaner, Vehicle	13	3.33

1983-91 Growth Rate ... -1.44%

1984 New Hire Rate ... 90.54%

1991 Proj. Employment ... 1,370



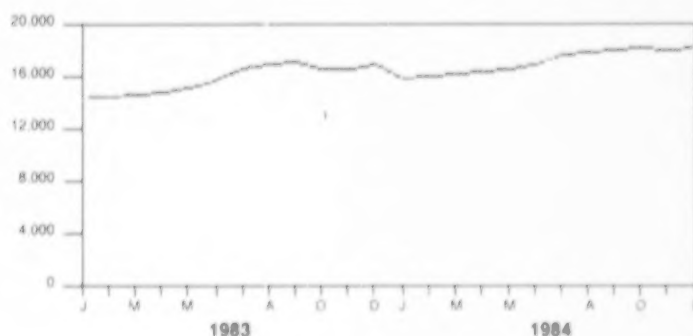
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,412	1,383	1,344	1,318	1,388	1,426
Number of Firms	40	39	38	36	38	39
Average Weekly Earnings	\$98.17	\$115.18	\$125.02	\$139.26	\$142.25	\$148.55

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	56	4.02	OPERATIVES	1,182	84.79 *****
CLERICAL WORKERS	55	3.95	Bus Driver	98	7.03 *
Dispatcher Vehicle/Service Work	12	0.86	Bus Driver, School	1,062	76.18 *****
CRAFT WORKERS & SUPERVISORS ..	82	5.88 *	Truck Driver	16	1.15
Automotive Mechanic	58	4.16	LABORERS EXCEPT FARM	11	0.79
Supervisor, Nonworking Exc Service ..	18	1.29	Cleaner, Vehicle	10	0.72

1983-91 Growth Rate ... 10.16%

1984 New Hire Rate ... 119.37%

1991 Proj. Employment ... 17,500



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	17,197	16,648	15,889	15,025	15,815	17,167
Number of Firms	1,609	1,567	1,551	1,486	1,492	1,567
Average Weekly Earnings	\$357.06	\$387.27	\$411.00	\$421.46	\$430.97	\$436.98

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	217	1.37	CLERICAL WORKERS (cont.)		
Accountant/Auditor	86	0.54	Secretary	196	1.23
Computer Programmer	49	0.31	Shipping & Receiving Clerk	33	0.21
Personnel & Labor Relations Spec	42	0.26	Stock Clerk, Storeroom & Warehouse	39	0.25
Systems Analyst, EDP	28	0.18	Switchboard Oper/Receptionist	17	0.11
MANAGERS & OFFICERS	1,179	7.42 *	Traffic Agent	178	1.12
SALES WORKERS	56	0.35	Typist/Word Processor	53	0.33
Crating & Moving Estimator	55	0.35	CRAFT WORKERS & SUPERVISORS ..	1,092	6.87 *
CLERICAL WORKERS	2,810	17.69 **	Automotive Mechanic	182	1.15
Accounting Clerk	345	2.17	Crane, Derrick & Hoist Operator	23	0.14
Adjustment Clerk	58	0.37	Diesel Mechanic	628	3.95
Bookkeeper	208	1.31	Maintenance Repairer, Gen Utility	56	0.35
Bookkeeping & Billing Mach Oper	81	0.51	Offset Lithographic Press Oper	16	0.10
Cashier	33	0.21	Supervisor, Nonworking Exc Service	174	1.10
Claim Adjuster	22	0.14	OPERATIVES	8,616	54.23 *****
Clerical Supervisor	88	0.55	Delivery Driver & Route Worker	464	2.92
Collector	139	0.87	Gas Station Attendant	113	0.71
Computer Operator	43	0.27	Industrial Truck Operator	118	0.74
Dispatcher Vehicle/Service Work	364	2.29	Shipping Packer	56	0.35
File Clerk	63	0.40	Tire Changer	22	0.14
General Clerk	348	2.19	Truck Driver	7,772	48.91 *****
Key Punch/Data Entry Oper	39	0.25	Welder/Flamecutter	52	0.33
Payroll &/or Timekeeping Clerk	70	0.44	SERVICE WORKERS	73	0.46
Personnel Clerk	13	0.08	Guard/Doorkeeper	14	0.09
Rate Clerk, Freight	158	0.99	Janitor/Porter/Cleaner	51	0.32

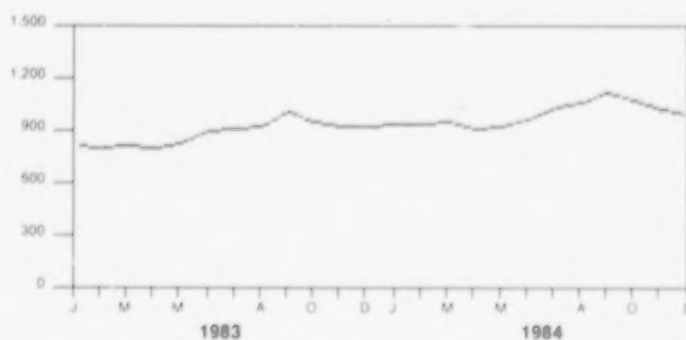
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
LABORERS EXCEPT FARM	1,846	11.62 **	LABORERS EXCEPT FARM (cont.)		
Cleaner, Vehicle	36	0.23	Refuse Collector	558	3.51
Helper, Trades	20	0.13	Truck Driver Helper	265	1.67

1983-91 Growth Rate . . . 30.90%

1984 New Hire Rate . . . 98.21%

1991 Proj. Employment . . . 1,148



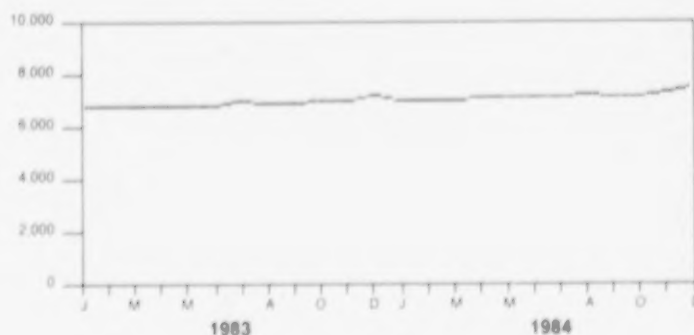
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	990	935	936	849	877	986
Number of Firms	66	69	75	77	81	91
Average Weekly Earnings	\$314.29	\$335.17	\$359.66	\$437.47	\$415.73	\$392.92

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	16	1.83	CRAFT WORKERS & SUPERVISORS . .	75	8.59 *
MANAGERS & OFFICERS	83	9.51 *	Refrigeration Mechanic	10	1.15
CLERICAL WORKERS	170	19.47 **	Stationary Engineer	18	2.06
Accounting Clerk	19	2.18	Supervisor, Nonworking Exc Service .	31	3.55
General Clerk	28	3.21	OPERATIVES	345	39.52 ****
Secretary	22	2.52	Butcher, All Around	13	1.49
Shipping & Receiving Clerk	24	2.75	Industrial Truck Operator	241	27.61 ***
Stock Clerk, Storeroom & Warehouse .	31	3.55	Truck Driver	65	7.45 *
Traffic Agent	19	2.18	SERVICE WORKERS	21	2.41
			Janitor/Porter/Cleaner	15	1.72
			LABORERS EXCEPT FARM	157	17.98 **
			Locker-Plant Attendant	30	3.44

1983-91 Growth Rate . . . 0.00%

1984 New Hire Rate . . . N.A.

1991 Proj. Employment . . . 7,500



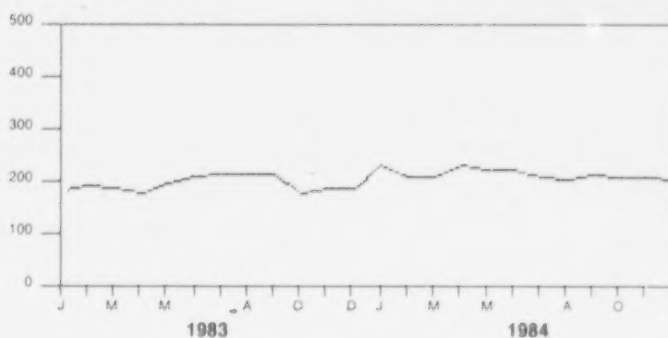
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	6,587	6,716	6,873	6,973	7,018	7,240
Number of Firms	36	36	36	36	36	36
Average Weekly Earnings	\$346.65	\$387.35	\$439.30	\$439.19	\$466.49	\$481.02

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	81	1.15	CRAFT WORKERS & SUPERVISORS . .	109	1.55
Electrical/Electronic Tech	20	0.28	Automotive Mechanic	34	0.48
Personnel & Labor Relations Spec . . .	28	0.40	Maintenance Mechanic	47	0.67
Teacher, Adult Education	12	0.17	OPERATIVES	105	1.49
MANAGERS & OFFICERS	701	9.98 *	Industrial Truck Operator	19	0.27
Postmaster/Mail Superintendent	591	8.41 *	Stationary Boiler Firer	20	0.28
CLERICAL WORKERS	5,857	83.37 *****	Truck Driver	59	0.84
Accounting Clerk	23	0.33	SERVICE WORKERS	33	0.47
General Clerk	138	1.96	Janitor/Porter/Cleaner	33	0.47
Postal Mail Carrier	4,758	67.73 *****	LABORERS EXCEPT FARM	139	1.98
Postal Service Clerk	887	12.63 **			
Stenographer	12	0.17			

1983-91 Growth Rate . . . 12.44%

1984 New Hire Rate . . . 27.62%

1991 Proj. Employment . . . 169



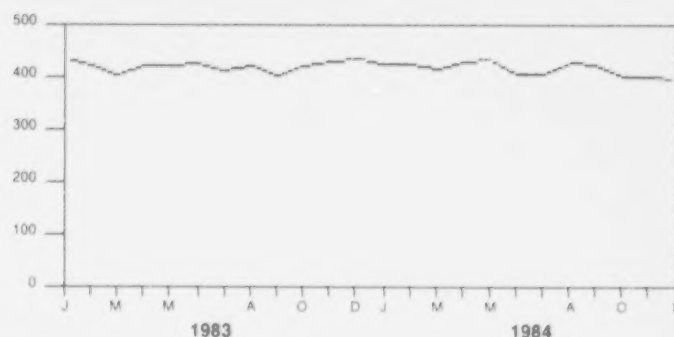
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	273	258	228	199	193	213
Number of Firms	7	7	7	6	7	6
Average Weekly Earnings	\$431.67	\$471.05	\$545.01	\$645.79	\$666.73	\$689.41

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	35	18.82 **	OPERATIVES	36	19.35 **
Captain, Water Vessel	18	9.68 *	Able Seaman	33	17.74 **
CLERICAL WORKERS	33	17.74 **	SERVICE WORKERS	18	9.68 *
General Clerk	13	6.99 *	Food Service Worker	18	9.68 *
CRAFT WORKERS & SUPERVISORS ..	51	27.42 ***			
Ship Engineer	49	26.34 ***			

1983-91 Growth Rate . . . 22.62%

1984 New Hire Rate . . . 33.74%

1991 Proj. Employment . . . 325



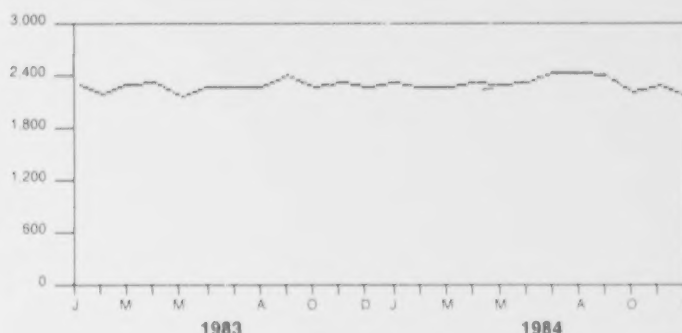
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	433	465	491	474	418	414
Number of Firms	13	13	14	16	16	16
Average Weekly Earnings	\$451.10	\$504.22	\$529.58	\$571.39	\$588.31	\$607.50

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	10	2.39	CRAFT WORKERS & SUPERVISORS ..	61	14.56 **
MANAGERS & OFFICERS	143	34.13 ****	Marine Mechanic	40	9.55 *
Captain, Water Vessel	116	27.68 ***	OPERATIVES	153	36.52 ****
CLERICAL WORKERS	29	6.92 *	Ordinary Seaman	124	29.59 ***
Dispatcher Vehicle/Service Work	11	2.63	LABORERS EXCEPT FARM	13	3.10
			Helper, Trades	13	3.10

1983-91 Growth Rate . . . -12.59%

1984 New Hire Rate . . . 37.42%

1991 Proj. Employment . . . 1,992



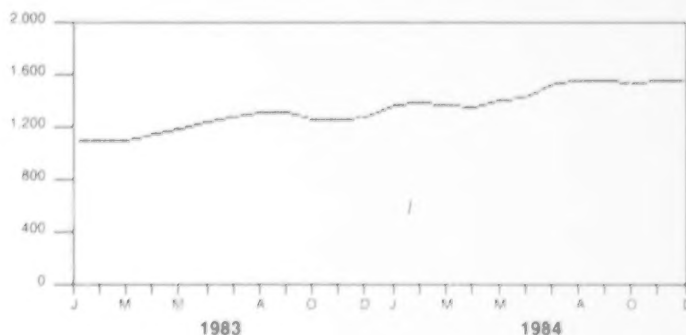
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,481	2,534	2,589	2,443	2,276	2,314
Number of Firms	102	118	123	119	118	111
Average Weekly Earnings	\$450.76	\$498.17	\$542.88	\$549.34	\$588.82	\$638.24

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	147	6.47 *	CRAFT WORKERS & SUPERVISORS ..	429	18.88 **
Civil Engineer	10	0.44	Automotive Mechanic	43	1.89
Personnel & Labor Relations Spec ..	30	1.32	Crane, Derrick & Hoist Operator	130	5.72 *
Surveyor	22	0.97	Electrician	10	0.44
Systems Analyst, EDP	11	0.48	Maintenance Repairer, Gen Utility	47	2.07
MANAGERS & OFFICERS	199	8.76 *	Marine Mechanic	20	0.88
Captain, Water Vessel	14	0.62	Supervisor, Nonworking Exc Service ..	117	5.15 *
CLERICAL WORKERS	374	16.46 **	OPERATIVES	335	14.74 **
Accounting Clerk	20	0.88	Industrial Truck Operator	250	11.00 **
Bookkeeper	11	0.48	Truck Driver	37	1.63
Clerical Supervisor	10	0.44	Welder/Flamecutter	20	0.88
Computer Operator	11	0.48	SERVICE WORKERS	59	2.60
General Clerk	15	0.66	Guard/Doorkeeper	47	2.07
Secretary	65	2.86	LABORERS EXCEPT FARM	723	31.82 ****
Shipping & Receiving Clerk	125	5.50 *	Hook & Chainer	33	1.45
Typist/Word Processor	23	1.01			

1983-91 Growth Rate . . . 4.77%

1984 New Hire Rate . . . 58.70%

1991 Proj. Employment . . . 1,297



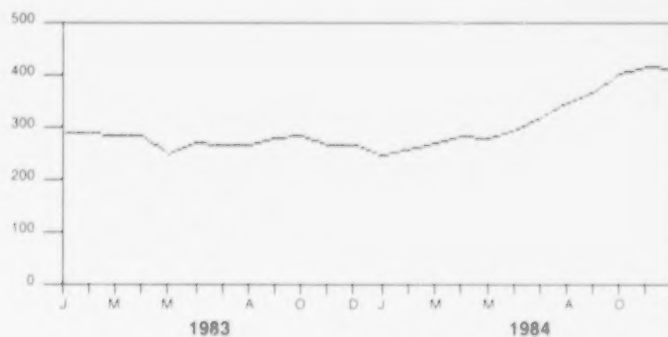
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	983	1,031	1,018	1,021	1,236	1,481
Number of Firms	32	32	38	45	47	46
Average Weekly Earnings	\$398.22	\$422.13	\$471.52	\$483.93	\$468.65	\$467.87

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	78	6.29 *	CRAFT WORKERS & SUPERVISORS ..	122	9.83 *
SALES WORKERS	34	2.74	Aircraft Mechanic	63	5.08 *
Sales Representative	33	2.66	Maintenance Repairer, Gen Utility	12	0.97
CLERICAL WORKERS	625	50.36 *****	Supervisor, Nonworking Exc Service ..	14	1.13
Clerical Supervisor	12	0.97	OPERATIVES	279	22.48 ***
Reservations Agent	10	0.81	Delivery Driver & Route Worker	46	3.71
Secretary	16	1.29	Line Service Attendant	215	17.32 **
Stock Clerk, Storeroom & Warehouse ..	25	2.01	Truck Driver	18	1.45
Ticket Agent	324	26.11 ***	SERVICE WORKERS	60	4.83
Transportation Agent	215	17.32 **	Food Service Worker	50	4.03
			LABORERS EXCEPT FARM	37	2.98
			Baggage Checker	30	2.42

1983-91 Growth Rate . . . 168.36%

1984 New Hire Rate . . . 125.89%

1991 Proj. Employment . . . 738



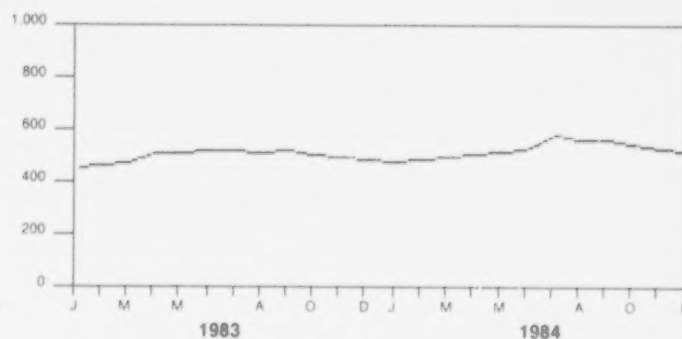
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	477	585	545	396	274	324
Number of Firms	38	31	27	30	29	28
Average Weekly Earnings	\$275.94	\$294.23	\$296.50	\$284.27	\$319.98	\$339.52

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	42	15.50 **	CRAFT WORKERS & SUPERVISORS ..	38	14.02 **
Airplane Pilot	35	12.92 **	Aircraft Mechanic	25	9.23 *
MANAGERS & OFFICERS	37	13.65 **	OPERATIVES	26	9.59 *
CLERICAL WORKERS	98	36.16 ****	Line Service Attendant	20	7.38 *
Accounting Clerk	16	5.90 *	LABORERS EXCEPT FARM	22	8.12 *
General Clerk	12	4.43			
Ticket Agent	49	18.08 **			

1983-91 Growth Rate . . . 66.01%

1984 New Hire Rate . . . 70.30%

1991 Proj. Employment . . . 845



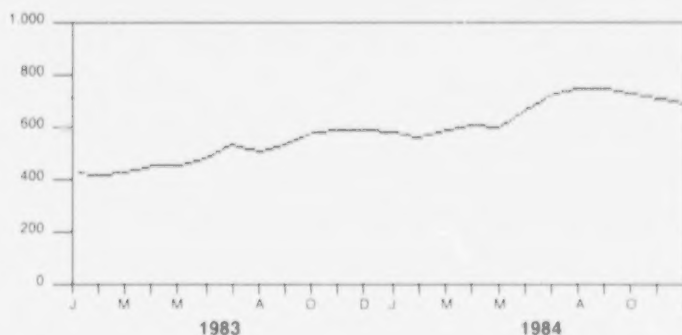
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	653	661	578	505	509	531
Number of Firms	49	46	43	43	42	47
Average Weekly Earnings	\$280.76	\$304.70	\$344.69	\$366.18	\$358.99	\$359.33

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	56	10.94 **	CRAFT WORKERS & SUPERVISORS	164	32.03 ****
Airplane Pilot	39	7.62 *	Aircraft Mechanic	84	16.41 **
MANAGERS & OFFICERS	54	10.55 **	Maintenance Repairer, Gen Utility	46	8.98 *
SALES WORKERS	14	2.73	OPERATIVES	59	11.52 **
Sales Representative	10	1.95	Line Service Attendant	59	11.52 **
CLERICAL WORKERS	83	16.21 **	SERVICE WORKERS	60	11.72 **
Bookkeeper	15	2.93	Fire Fighter	15	2.93
Secretary	23	4.49	Police Patrol Officer	24	4.69
			LABORERS EXCEPT FARM	22	4.30
			Cleaner, Vehicle	22	4.30

1983-91 Growth Rate . . . 7.50%

1984 New Hire Rate . . . 102.33%

1991 Proj. Employment . . . 545



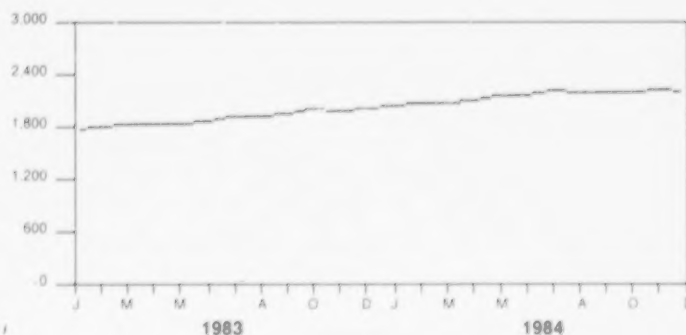
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	493	479	463	529	505	664
Number of Firms	33	39	40	39	37	41
Average Weekly Earnings	\$287.03	\$326.83	\$291.82	\$437.86	\$470.03	\$459.69

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	64	12.57 **	CRAFT WORKERS & SUPERVISORS ..	40	7.86 *
SALES WORKERS	22	4.32	Maintenance Repairer, Gen Utility	14	2.75
Sales Representative	21	4.13	OPERATIVES	144	28.29 ***
CLERICAL WORKERS	169	33.20 ****	Delivery Driver & Route Worker	44	8.64 *
Accounting Clerk	17	3.34	Industrial Truck Operator	18	3.54
Clerical Supervisor	10	1.96	Truck Driver	81	15.91 **
General Clerk	30	5.89 *	LABORERS EXCEPT FARM	65	12.77 **
Traffic Agent	37	7.27 *			
Typist/Word Processor	16	3.14			

1983-91 Growth Rate . . . 50.03%

1984 New Hire Rate . . . 89.18%

1991 Proj. Employment . . . 2,783



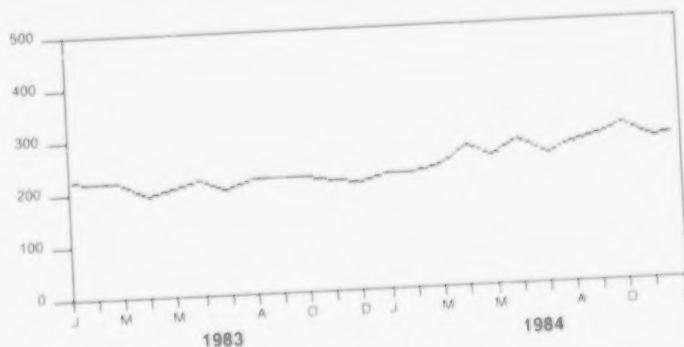
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,678	1,731	1,734	1,743	1,843	2,074
Number of Firms	226	245	263	271	300	340
Average Weekly Earnings	\$211.32	\$238.16	\$256.04	\$270.60	\$278.41	\$292.65

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	12	0.65	CLERICAL WORKERS (cont.)		
MANAGERS & OFFICERS	1,159	62.55 *****	Messenger	15	0.81
Travel Agent/Accommodation Apprai	762	41.12 *****	Receptionist	24	1.30
CLERICAL WORKERS	641	34.59 ****	Secretary	20	1.08
Accounting Clerk	58	3.13	Switchboard Oper/Receptionist	28	1.51
Bookkeeper	78	4.21	Ticket Agent	62	3.35
Bookkeeping & Billing Mach Oper	20	1.08	Traffic Agent	57	3.08
Collector	23	1.24	Typist/Word Processor	45	2.43
General Clerk	99	5.34 *	SERVICE WORKERS	15	0.81
			LABORERS EXCEPT FARM	11	0.59
			Baggage Checker	11	0.59

1983-91 Growth Rate 109.52%

1984 New Hire Rate 128.69%

1991 Proj. Employment ... 440



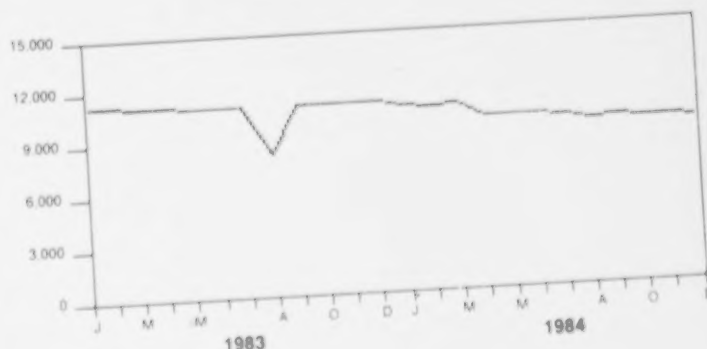
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	424	362	290	196	209	253
Number of Firms	27	28	24	21	23	26
Average Weekly Earnings	\$263.14	\$302.79	\$333.38	\$302.60	\$306.18	\$330.99

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	30	14.29 **	CRAFT WORKERS & SUPERVISORS ..	10	4.76
CLERICAL WORKERS	65	30.95 ****	OPERATIVES	64	30.48 ****
Cashier	18	8.57 *	LABORERS EXCEPT FARM	30	14.29 **
Shipping & Receiving Clerk	18	8.57 *			

1983-91 Growth Rate ... 28.32%

1984 New Hire Rate ... 27.83%

1991 Proj. Employment ... 13,693



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	12,570	12,688	12,276	11,699	10,666	9,758
Number of Firms	81	82	82	86	93	123
Average Weekly Earnings	\$343.73	\$376.28	\$429.92	\$461.99	\$503.07	\$531.88

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	914	8.57 *	CLERICAL WORKERS (cont.)		
Accountant/Auditor	38	0.36	Customer Service Representative	1,043	9.78 *
Civil Engineer	18	0.17	Directory Assistance Operator	80	0.75
Commercial Artist	12	0.11	Dispatcher Vehicle/Service Work	24	0.23
Computer Programmer	36	0.34	File Clerk	128	1.20
Drafter	35	0.33	General Clerk	294	2.76
Electrical/Electronic Engineer	312	2.93	Payroll &/or Timekeeping Clerk	39	0.37
Electrical/Electronic Tech	322	3.02	Peripheral Equip Oper	62	0.58
Industrial Engineer	21	0.20	Personnel Clerk	50	0.47
Personnel & Labor Relations Spec	38	0.36	PBX Advisor	10	0.09
Systems Analyst, EDP	32	0.30	Production Clerk	320	3.00
MANAGERS & OFFICERS	747	7.00 *	Receptionist	21	0.20
SALES WORKERS	185	1.73	Secretary	302	2.83
Sales Representative	185	1.73	Statistical Clerk	296	2.78
CLERICAL WORKERS	5,386	50.50 *****	Stock Clerk, Storeroom & Warehouse	97	0.91
Accounting Clerk	173	1.62	Telegraph Operator	60	0.56
Bookkeeper	18	0.17	Typist/Word Processor	194	1.82
Bookkeeping & Billing Mach Oper	16	0.15	CRAFT WORKERS & SUPERVISORS ..	3,351	31.42 *****
Cashier	61	0.57	Automotive Mechanic	33	0.31
Central Office Operator	1,094	10.26 **	Cable Splicer	395	3.70
Clerical Supervisor	574	5.38 *	Central Office Repairer	654	6.13 *
Collector	99	0.93	Frame Wirer	120	1.13
Computer Operator	38	0.36			

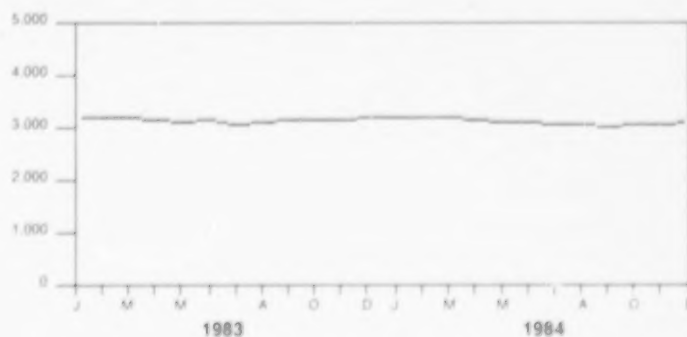
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CRAFT WORKERS & SUPERVISORS (cont.)			CRAFT WORKERS & SUPERVISORS (cont.)		
Installer/Repairer/Section Maintnr . . .	756	7.09 *	Supervisor, Nonworking Exc Service . .	626	5.87 *
Line Erector/Installer-Repairer	273	2.56	Teletype Installer	17	0.16
Maintenance Repairer, Gen Utility	20	0.19	Trouble Locator, Test Desk	78	0.73
Radio Mechanic	34	0.32	OPERATIVES	13	0.12
Shop Repairer, Instruments	79	0.74	SERVICE WORKERS	66	0.62
Station Installer	249	2.33	Janitor/Porter/Cleaner	66	0.62

1983-91 Growth Rate ... 18.85%

1984 New Hire Rate ... 70.04%

1991 Proj. Employment ... 3707



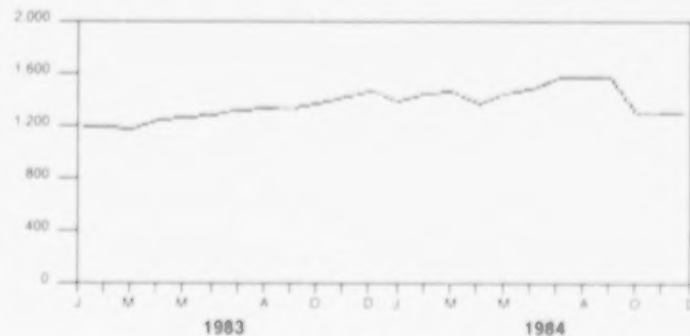
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,485	2,794	2,931	3,071	3,112	3,069
Number of Firms	106	114	116	123	126	126
Average Weekly Earnings	\$286.54	\$300.16	\$320.97	\$338.07	\$381.55	\$380.24

Occupation	1983 Employ- ment	Percent		Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	1,574	50.43	*****	CLERICAL WORKERS	501	16.05 **
Accountant/Auditor	14	0.45		Accounting Clerk	52	1.67
Announcer	651	20.86	***	Bookkeeper	28	0.90
Broadcast News Analyst	123	3.94		Customer Service Representative	10	0.32
Broadcast Tech	220	7.05	*	General Clerk	42	1.35
Commercial Artist	13	0.42		Key Punch/Data Entry Oper	11	0.35
Electrical/Electronic Engineer	99	3.17		Mail Clerk	17	0.54
Electrical/Electronic Tech	44	1.41		Production Clerk	10	0.32
Film Editor	23	0.74		Script Clerk	22	0.70
Photographer, Portrait/Commercial	52	1.67		Secretary	117	3.75
Public Relations Practitioner	24	0.77		Survey Worker	15	0.48
Reporter/Correspondent	117	3.75		Switchboard Oper./Receptionist	19	0.61
Technical Director	35	1.12		Traffic Clerk	87	2.79
Television Camera Operator	64	2.05		Typist/Word Processor	21	0.67
Writer &/or Editor	54	1.73		CRAFT WORKERS & SUPERVISORS ..	23	0.74
MANAGERS & OFFICERS	540	17.30	**	Installer/Repairer/Section Maintnr	15	0.48
SALES WORKERS	441	14.13	**	OPERATIVES	17	0.54
Sales Clerk	17	0.54		SERVICE WORKERS	14	0.45
Sales Representative	424	13.59	**	LABORERS EXCEPT FARM	11	0.35

1983-91 Growth Rate ... 19.98%

1984 New Hire Rate ... 99.35%

1991 Proj. Employment ... 1,567



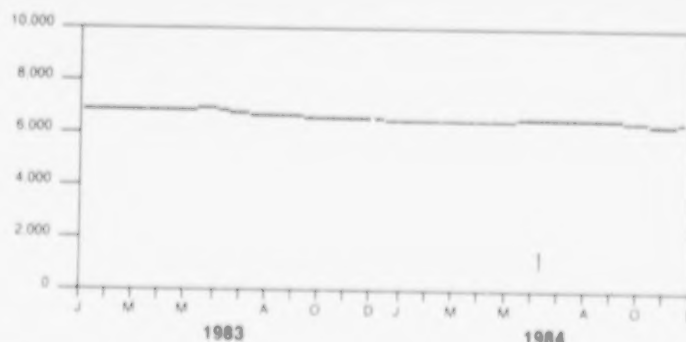
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	651	806	941	1,182	1,296	1,431
Number of Firms	67	70	82	89	99	96
Average Weekly Earnings	\$215.71	\$241.98	\$267.82	\$286.99	\$295.49	\$300.54

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	204	15.66 **	CLERICAL WORKERS (cont.)		
Broadcast Tech	29	2.23	Customer Service Representative	52	3.99
Drafter	13	1.00	Dispatcher, Police/Fire/Ambulance	16	1.23
Electrical/Electronic Engineer	41	3.15	Dispatcher Vehicle/Service Work	12	0.92
Electrical/Electronic Tech	117	8.98 *	General Clerk	44	3.38
MANAGERS & OFFICERS	125	9.59 *	Order Clerk	32	2.46
SALES WORKERS	155	11.90 **	Secretary	39	2.99
Sales Representative	149	11.44 **	Stock Clerk, Storeroom & Warehouse	14	1.07
CLERICAL WORKERS	343	26.32 ***	Typist/Word Processor	14	1.07
Accounting Clerk	23	1.77	CRAFT WORKERS & SUPERVISORS ..	476	36.53 ****
Bookkeeper	25	1.92	Cable Installer	61	4.68
Cashier	20	1.53	Installer/Repairer/Section Maintnr	106	8.14 *
Central Office Operator	15	1.15	Line Erector/Installer-Repairer	255	19.57 **
			Supervisor, Nonworking Exc. Service	20	1.53

1983-91 Growth Rate . . . 10.87%

1984 New Hire Rate . . . 9.73%

1991 Proj. Employment . . . 7,477



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	6,153	6,663	6,965	6,914	6,740	6,510
Number of Firms	59	60	60	62	61	63
Average Weekly Earnings	\$415.12	\$466.92	\$510.41	\$542.70	\$571.00	\$601.56

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	1,418	20.99 ***	MANAGERS & OFFICERS	610	9.03 *
Accountant/Auditor	128	1.89	Chief Exec. Gen Admin & Legis	11	0.16
Biological Scientist	18	0.27	Purchasing Agent &/or Buyer	32	0.47
Budget Analyst	11	0.16	Right of Way Agent	10	0.15
Civil Engineer	33	0.49	SALES WORKERS	188	2.78
Computer Programmer	69	1.02	Sales Representative	188	2.78
Drafter	93	1.38	CLERICAL WORKERS	2,067	30.59 ****
Economist	13	0.19	Accounting Clerk	86	1.27
Electrical/Electronic Engineer	237	3.51	Adjustment Clerk	11	0.16
Electrical/Electronic Tech	46	0.68	Bookkeeper	12	0.18
Estimator & Drafter, Utilities	87	1.29	Bookkeeping & Billing Mach Oper	11	0.16
Financial Analyst	29	0.43	Cashier	24	0.36
Industrial Engineer	41	0.61	Clerical Supervisor	127	1.88
Lawyer	13	0.19	Collector	73	1.08
Mechanical Engineer	30	0.44	Computer Operator	23	0.34
Mechanical Engineering Tech	15	0.22	Customer Service Representative	405	5.99 *
Nuclear Engineer	29	0.43	Dispatcher Vehicle/Service Work	23	0.34
Personnel & Labor Relations Spec	64	0.95	File Clerk	19	0.28
Physical Science Tech	27	0.40	General Clerk	180	2.66
Public Relations Practitioner	37	0.55	Key Punch/Data Entry Oper	35	0.52
Radio Operator	12	0.18	Messenger	10	0.15
Statistician	13	0.19	Meter Reader, Utilities	227	3.36
Surveyor	11	0.16	Office Machine Oper	10	0.15
Systems Analyst, EDP	37	0.55	Personnel Clerk	22	0.33
			Procurement Clerk	19	0.28

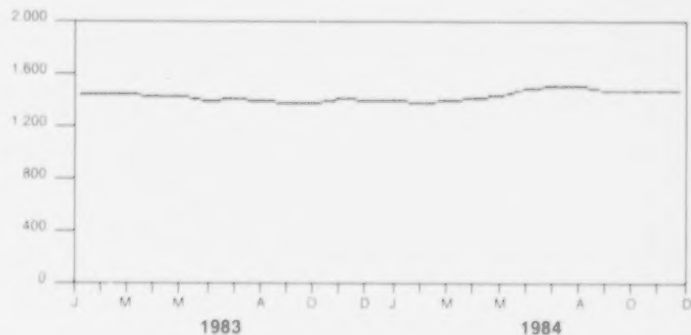
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CLERICAL WORKERS (cont.)			CRAFT WORKERS & SUPERVISORS (cont.)		
Production Clerk	13	0.19	Line Erector/Installer-Repairer	673	9.96 *
Secretary	220	3.26	Maintenance Mechanic	11	0.16
Stenographer	23	0.34	Maintenance Repairer, Gen Utility	52	0.77
Stock Clerk, Storeroom & Warehouse	139	2.06	Sheet Metal Worker	13	0.19
Switchboard Oper	10	0.15	Substation Operator	19	0.28
Typist/Word Processor	80	1.18	Supervisor, Nonworking Exc Service	142	2.10
CRAFT WORKERS & SUPERVISORS ..	1,979	29.29 ***	Supervisor, Nonworking Service	26	0.38
Automotive Mechanic	78	1.15	Switchboard Oper, Generating Plant	84	1.24
Auxiliary-Equipment Operator	20	0.30	Trouble Shooter	32	0.47
Carpenter	11	0.16	OPERATIVES	221	3.27
Control Room Operator	30	0.44	Parking Lot Attendant	11	0.16
Crane, Derrick & Hoist Operator	23	0.34	Truck Driver	191	2.83
Dispatcher, Load	64	0.95	SERVICE WORKERS	85	1.26
Electric Meter Installer	33	0.49	Guard/Doorkeeper	25	0.37
Electrician	244	3.61	Janitor/Porter/Cleaner	39	0.58
Heavy Equipment Operator	66	0.98	LABORERS EXCEPT FARM	189	2.80
Hydroelectric Mach Mechanic	111	1.64	Ground Helper	76	1.12
Inspector	75	1.11	Helper, Trades	69	1.02
Instrument Mechanic	101	1.49			

1983-91 Growth Rate . . . 6.54%

1984 New Hire Rate . . . 19.07%

1991 Proj. Employment . . . 1,482



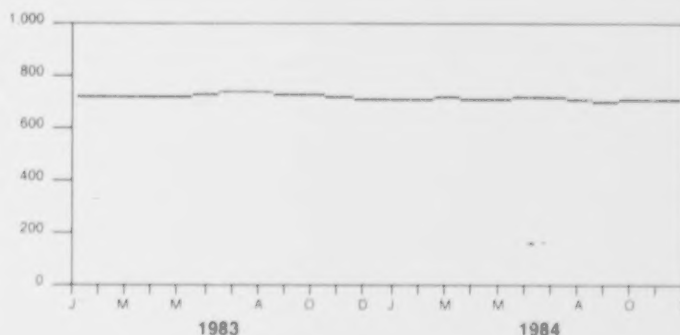
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,367	1,484	1,495	1,445	1,391	1,422
Number of Firms	17	17	15	15	15	15
Average Weekly Earnings	\$374.40	\$408.01	\$449.93	\$473.91	\$508.92	\$541.40

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	118	8.40 *	CRAFT WORKERS & SUPERVISORS ..	589	41.92 *****
Drafter	14	1.00	Automotive Mechanic	19	1.35
Mechanical Engineer	12	0.85	Heavy Equipment Operator	10	0.71
MANAGERS & OFFICERS	92	6.55 *	Household Appliance Repairer	116	8.26 *
SALES WORKERS	40	2.85	Hydroelectric Mach Mechanic	23	1.64
Sales Representative	40	2.85	Inspector	16	1.14
CLERICAL WORKERS	458	32.60 *****	Instrument Mechanic	43	3.06
Accounting Clerk	30	2.14	Maintenance Repairer, Gen Utility	10	0.71
Cashier	23	1.64	Plumber &/or Pipefitter	234	16.65 **
Clerical Supervisor	41	2.92	Supervisor, Nonworking Exc Service	60	4.27
Customer Service Representative	65	4.63	OPERATIVES	77	5.48 *
Dispatcher Vehicle/Service Work	15	1.07	Corrosion Control Fitter	11	0.78
General Clerk	76	5.41 *	Welder/Flamecutter	29	2.06
Meter Reader, Utilities	74	5.27 *	LABORERS EXCEPT FARM	26	1.85
Secretary	16	1.14	Helper, Trades	26	1.85
Stenographer	16	1.14			
Stock Clerk, Storeroom & Warehouse	23	1.64			

1983-91 Growth Rate ... 49.29%

1984 New Hire Rate ... 9.67%

1991 Proj. Employment ... 1,057



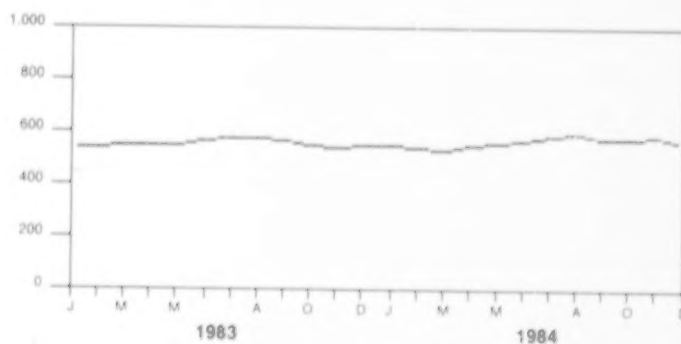
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	753	758	755	732	706	695
Number of Firms	6	6	6	6	6	6
Average Weekly Earnings	\$390.81	\$442.51	\$496.46	\$492.64	\$545.50	\$571.64

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	140	19.34 **	CRAFT WORKERS & SUPERVISORS ..	245	33.84 ****
Drafter	13	1.80	Engineering Equip Mechanic	10	1.38
Electrical/Electronic Engineer	14	1.93	Heavy Equipment Operator	23	3.18
Electrical/Electronic Tech	15	2.07	Hydroelectric Mach Mechanic	12	1.66
MANAGERS & OFFICERS	48	6.63 *	Instrument Mechanic	23	3.18
CLERICAL WORKERS	190	26.24 ***	Line Erector/Installer-Repairer	73	10.08 **
Accounting Clerk	16	2.21	Supervisor, Nonworking Exc Service	21	2.90
General Clerk	27	3.73	Turbine Oper	14	1.93
Meter Reader, Utilities	33	4.56	Water Treatment Plant Oper	15	2.07
Secretary	23	3.18	OPERATIVES	29	4.01
Stock Clerk, Storeroom & Warehouse	14	1.93	Truck Driver	17	2.35
Typist/Word Processor	16	2.21	SERVICE WORKERS	12	1.66
			LABORERS EXCEPT FARM	57	7.87 *
			Ground Helper	11	1.52
			Pipe Layer	15	2.07

1983-91 Growth Rate . . . 43.85%

1984 New Hire Rate . . . 48.57%

1991 Proj. Employment . . . 784



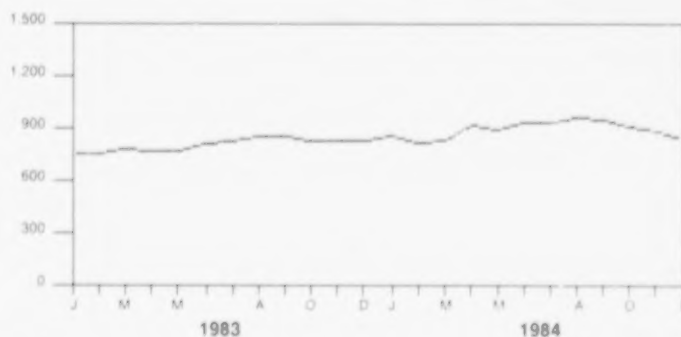
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	589	578	588	566	546	556
Number of Firms	128	128	128	123	120	123
Average Weekly Earnings	\$217.45	\$238.15	\$262.77	\$283.86	\$295.90	\$304.30

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	19	3.51	CRAFT WORKERS & SUPERVISORS . .	168	31.05 ****
MANAGERS & OFFICERS	65	12.01 **	Heavy Equipment Operator	12	2.22
CLERICAL WORKERS	215	39.74 ****	Maintenance Repairer, Gen Utility . .	67	12.38 **
Accounting Clerk	29	5.36 *	Plumber &/or Pipefitter	14	2.59
Bookkeeper	25	4.62	Supervisor, Nonworking Exc Service . .	11	2.03
General Clerk	59	10.91 **	Water Treatment Plant Oper	51	9.43 *
Meter Reader, Utilities	67	12.38 **	LABORERS EXCEPT FARM	66	12.20 **
Secretary	23	4.25	Pipe Layer	60	11.09 **

1983-91 Growth Rate ... 14.30%

1984 New Hire Rate ... 90.58%

1991 Proj. Employment ... 919



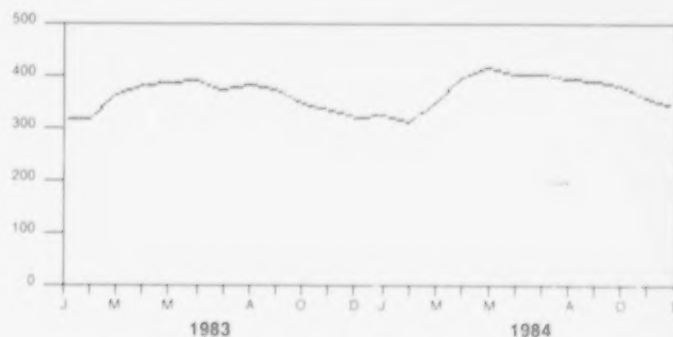
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	839	834	864	820	804	882
Number of Firms	119	124	124	121	115	118
Average Weekly Earnings	\$264.42	\$281.87	\$317.19	\$328.97	\$333.00	\$343.29

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	18	2.24	CRAFT WORKERS & SUPERVISORS ..	137	17.04 **
MANAGERS & OFFICERS	108	13.43 **	Automotive Mechanic	22	2.74
CLERICAL WORKERS	167	20.77 ***	Heavy Equipment Operator	31	3.86
Accounting Clerk	21	2.61	Maintenance Repairer, Gen Utility	23	2.86
Bookkeeper	24	2.99	Plumber &/or Pipefitter	12	1.49
Bookkeeping & Billing Mach Oper	12	1.49	Sewage Plant Operator	24	2.99
Cashier	30	3.73	Supervisor, Nonworking Exc Service	13	1.62
General Clerk	49	6.09 *	OPERATIVES	219	27.24 ***
Secretary	27	3.36	Truck Driver	193	24.00 ***
			LABORERS EXCEPT FARM	144	17.91 **
			Refuse Collector	106	13.18 **

1983-91 Growth Rate . . . 41.16%

1984 New Hire Rate . . . 65.23%

1991 Proj. Employment . . . 511



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	332	352	368	367	358	370
Number of Firms	51	53	54	55	53	52
Average Weekly Earnings	\$194.12	\$214.61	\$231.46	\$248.03	\$254.93	\$261.23

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	38	10.53 **	CRAFT WORKERS & SUPERVISORS ..	110	30.47 ****
CLERICAL WORKERS	52	14.40 **	Heavy Equipment Operator	36	9.97 *
Bookkeeper	16	4.43	Maintenance Mechanic	18	4.99
General Clerk	20	5.54 *	Maintenance Repairer, Gen Utility ..	42	11.63 **
Secretary	11	3.05	OPERATIVES	123	34.07 ****
			LABORERS EXCEPT FARM	33	9.14 *



Wholesale Trade

This division includes establishments or places of business primarily engaged in selling merchandise to retailers; to industrial, commercial, institutional, farm, or professional business users; or to other wholesalers; or acting as agents or brokers in buying merchandise for or selling merchandise to such persons or companies.

Establishments primarily engaged in selling merchandise to contractors are included in Wholesale Trade, with the exception of lumber yards and paint, glass, and wall-paper stores. These exceptions are classified in Retail Trade if they sell to the general public, even if a higher proportion of their sales is made to contractors.

The chief functions of establishments included in Wholesale Trade are selling goods to trading establishments, or to industrial, commercial, institutional, farm, and professional business users; and bringing buyer and seller together. In addition to selling, functions frequently performed by wholesale establishments include maintaining inventories of goods; extending credit; physically assembling, sorting, and grading goods in large lots; breaking bulk and redistribution in smaller lots; delivery; refrigeration; and various types of promotion such as advertising and label designing.



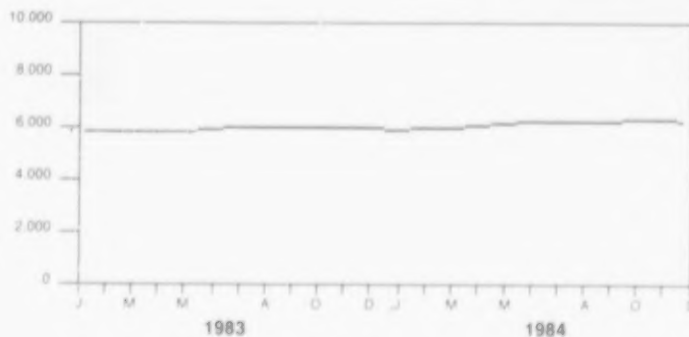
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1983-91 Growth Rate . . . 19.12%

1984 New Hire Rate	56.83%
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1991 Proj. Employment . . .	7,020
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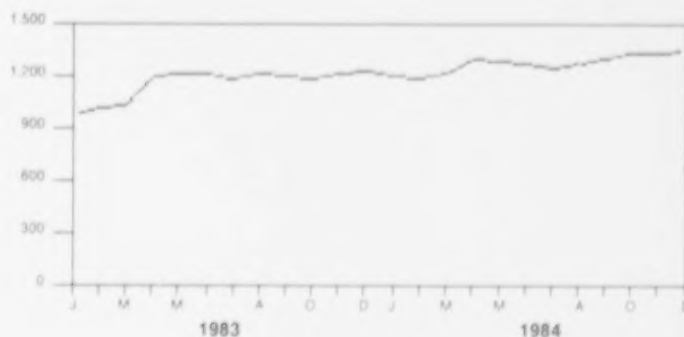
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	6,764	6,567	6,488	5,957	5,872	6,131
Number of Firms	498	481	477	462	462	462
Average Weekly Earnings	\$321.71	\$348.40	\$372.31	\$386.39	\$405.14	\$426.24

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	122	2.07	CRAFT WORKERS & SUPERVISORS ..	1,044	17.72 **
Accountant/Auditor	31	0.53	Automotive Mechanic	509	8.64 *
Computer Programmer	15	0.25	Body Repairer, Automotive	30	0.51
MANAGERS & OFFICERS	704	11.95 **	Diesel Mechanic	194	3.29
Buyer, Wholesale/Retail Trade	32	0.54	Engineering Equip Mechanic	47	0.80
Manager, Auto Service Dept	23	0.39	Inspector	12	0.20
Manager, Merchandise	97	1.65	Machinist	73	1.24
Manager, Store	22	0.37	Maintenance Repairer, Gen Utility	24	0.41
Wholesaler	362	6.15 *	Supervisor, Nonworking Exc Service	110	1.87
SALES WORKERS	1,392	23.63 ***	TV/Radio/Tape Deck Repairer	34	0.58
Sales Clerk	40	0.68	OPERATIVES	726	12.33 **
Sales Representative	1,350	22.92 ***	Assembler	48	0.81
CLERICAL WORKERS	1,541	26.16 ***	Delivery Driver & Route Worker	196	3.33
Accounting Clerk	150	2.55	Industrial Truck Operator	29	0.49
Adjustment Clerk	12	0.20	Lathe &/or Turning Mach Oper	23	0.39
Bookkeeper	102	1.73	Mach Tool Oper, Combination	16	0.27
Bookkeeping & Billing Mach Oper	34	0.58	Shipping Packer	133	2.26
Clerical Supervisor	42	0.71	Tire Changer	15	0.25
Collector	11	0.19	Tire Fabricator &/or Repair	163	2.77
Computer Operator	17	0.29	Truck Driver	62	1.05
General Clerk	229	3.89	SERVICE WORKERS	26	0.44
Key Punch/Data Entry Oper	16	0.27	Janitor/Porter/Cleaner	26	0.44
Order Clerk	156	2.65	LABORERS EXCEPT FARM	335	5.69 *
Secretary	126	2.14	Cleaner, Vehicle	10	0.17
Shipping & Receiving Clerk	174	2.95	Helper, Trades	11	0.19
Stock Clerk, Storeroom & Warehouse	379	6.43 *	Order Filler	225	3.82
Typist/Word Processor	27	0.46			

1983-91 Growth Rate . . . 27.13%

1984 New Hire Rate . . . 93.74%

1991 Proj. Employment . . . 1,476



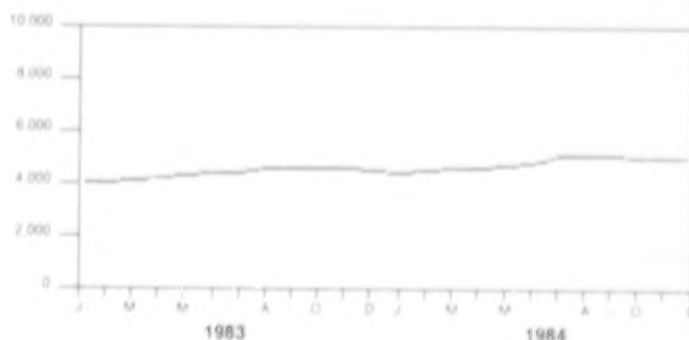
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,131	1,117	1,191	1,131	1,148	1,259
Number of Firms	166	169	174	174	178	183
Average Weekly Earnings	\$266.17	\$298.55	\$296.93	\$287.33	\$301.65	\$330.75

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	13	1.12	CLERICAL WORKERS.(cont.)		
MANAGERS & OFFICERS	151	13.01 **	Secretary	24	2.07
Manager, Merchandise	21	1.81	Shipping & Receiving Clerk	35	3.01
Wholesaler	112	9.65 *	Stock Clerk, Storeroom & Warehouse	153	13.18 **
SALES WORKERS	320	27.56 ***	Typist/Word Processor	11	0.95
Sales Clerk	40	3.45	CRAFT WORKERS & SUPERVISORS	34	2.93
Sales Representative	280	24.12 ***	Office Mach/Cash Reg Servicer	12	1.03
CLERICAL WORKERS	424	36.52 ****	OPERATIVES	91	7.84 *
Accounting Clerk	18	1.55	Delivery Driver & Route Worker	23	1.98
Bookkeeper	42	3.62	Shipping Packer	32	2.76
Bookkeeping & Billing Mach Oper	13	1.12	Truck Driver	12	1.03
General Clerk	60	5.17 *	LABORERS EXCEPT FARM	123	10.59 **
Order Clerk	56	4.82	Order Filler	49	4.22

1983-91 Growth Rate . . . 15.61%

1984 New Hire Rate . . . 81.64%

1991 Proj. Employment . . . 5,200



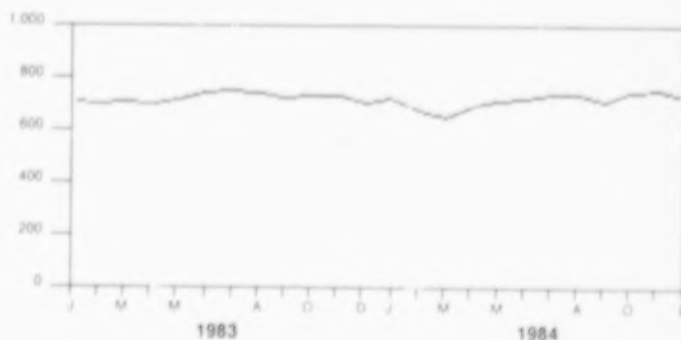
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	5,628	5,334	4,839	4,226	4,472	4,895
Number of Firms	463	487	501	470	465	470
Average Weekly Earnings	\$399.81	\$421.58	\$435.89	\$451.45	\$482.14	\$516.99

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	195	4.33	CRAFT WORKERS & SUPERVISORS (cont.)		
Accountant/Auditor	101	2.24	Carpenter	15	0.33
Drafter	17	0.38	Glazier	108	2.40
MANAGERS & OFFICERS	1,037	23.04 ***	Maintenance Repairer, Gen Utility	22	0.49
Buyer, Wholesale/Retail Trade	474	10.53 **	Painter, Maintenance	10	0.22
Manager, Merchandise	66	1.47	Supervisor, Nonworking Exc Service	30	0.67
Wholesaler	340	7.55 *	Yarder Engineer	12	0.27
SALES WORKERS	813	18.06 **	OPERATIVES	888	19.73 **
Sales Representative	809	17.97 **	Assembler	73	1.63
CLERICAL WORKERS	985	21.88 ***	Cloth Feeder & Back Tender	16	0.36
Accounting Clerk	170	3.78	Coater, Roofing Felt	37	0.82
Bookkeeper	100	2.22	Delivery Driver & Route Worker	31	0.69
Bookkeeping & Billing Mach Oper	56	1.24	Head Sawyer	26	0.58
Clerical Supervisor	38	0.84	Industrial Truck Operator	166	3.69
General Clerk	137	3.04	Machinist, Wood	24	0.53
Order Clerk	72	1.60	Resawyer	14	0.31
Secretary	140	3.11	Shipping Packer	41	0.91
Shipping & Receiving Clerk	50	1.11	Truck Driver	249	5.53 *
Stock Clerk, Storeroom & Warehouse	54	1.20	Wood Working Mach Oper	14	0.31
Switchboard Oper/Receptionist	15	0.33	SERVICE WORKERS	16	0.36
Typist/Word Processor	71	1.58	Janitor/Porter/Cleaner	13	0.29
CRAFT WORKERS & SUPERVISORS	242	5.38 *	LABORERS EXCEPT FARM	325	7.22 *
Automotive Mechanic	14	0.31	Lumber Straightener	57	1.27
Cabinet Maker	16	0.36	Order Filler	131	2.91

1983-91 Growth Rate . . . -1.07%

1984 New Hire Rate . . . 86.69%

1991 Proj. Employment . . . 740



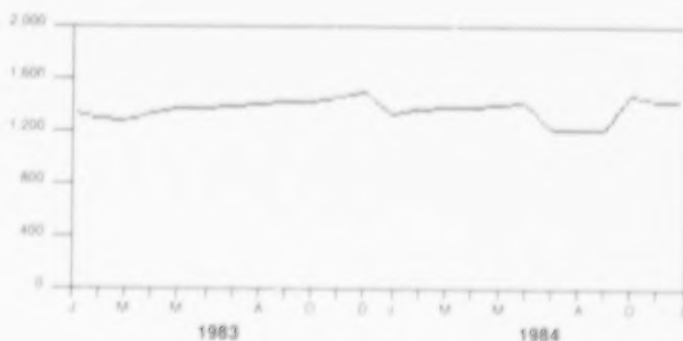
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	718	653	641	704	745	743
Number of Firms	123	123	125	137	138	147
Average Weekly Earnings	\$286.34	\$324.75	\$340.06	\$347.25	\$370.32	\$415.81

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	15	2.01	CLERICAL WORKERS (cont.)		
MANAGERS & OFFICERS	96	12.83 **	Secretary	12	1.60
Buyer, Wholesale/Retail Trade	11	1.47	Shipping & Receiving Clerk	34	4.55
Wholesaler	53	7.09 *	Stock Clerk, Storeroom & Warehouse	10	1.34
SALES WORKERS	223	29.81 ***	CRAFT WORKERS & SUPERVISORS	86	11.50 **
Sales Clerk	22	2.94	Merchandise Displayer/Window Trim	13	1.74
Sales Representative	201	26.87 ***	OPERATIVES	73	9.76 *
CLERICAL WORKERS	165	22.06 ***	Developer &/or Projection Printer	13	1.74
Accounting Clerk	28	3.74	Shipping Packer	34	4.55
Bookkeeper	17	2.27	LABORERS EXCEPT FARM	84	11.23 **
General Clerk	29	3.88	Order Filler	40	5.35 *
			Stock Clerk, Sales Floor	12	1.60

1983-91 Growth Rate . . . 78.63%

1984 New Hire Rate . . . 41.00%

1991 Proj. Employment . . . 2,433



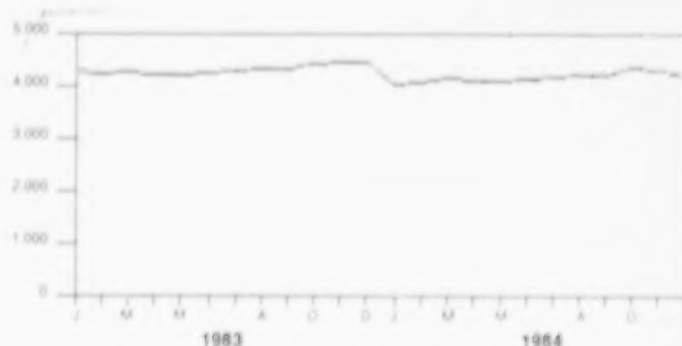
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,120	1,899	1,868	1,504	1,361	1,345
Number of Firms	97	108	117	118	120	117
Average Weekly Earnings	\$371.81	\$433.87	\$453.60	\$482.45	\$483.04	\$501.01

Occupation	1983 Employment	Percent	Occupation	1983 Employment	Percent
PROFESSIONAL & TECHNICAL	28	2.05	CRAFT WORKERS & SUPERVISORS	133	9.74 *
MANAGERS & OFFICERS	190	13.91 **	Crane, Derrick & Hoist Operator	14	1.02
Buyer, Wholesale/Retail Trade	16	1.17	Maintenance Repairer, Gen Utility	15	1.10
Manager, Merchandise	16	1.17	Metal Fabricator	21	1.54
Wholesaler	48	3.51	Shell Mold/Shellcore Mach Oper	41	3.00
SALES WORKERS	183	13.40 **	Supervisor, Nonworking Exc Service	22	1.61
Sales Representative	183	13.40 **	OPERATIVES	253	18.52 **
CLERICAL WORKERS	330	24.16 ***	Delivery Driver & Route Worker	12	0.88
Accounting Clerk	28	2.05	Industrial Truck Operator	14	1.02
Bookkeeper	33	2.42	Shear &/or Slitter Oper	31	2.27
General Clerk	56	4.10	Shipping Packer	18	1.32
Order Clerk	53	3.88	Truck Driver	78	5.71 *
Secretary	31	2.27	Welder/Flamecutter	48	3.51
Shipping & Receiving Clerk	31	2.27	LABORERS EXCEPT FARM	249	18.23 **
Stock Clerk, Storeroom & Warehouse	40	2.93	Order Filler	185	13.54 **
Typist/Word Processor	16	1.17			

1983-91 Growth Rate . . . 26.49%

1984 New Hire Rate . . . 76.04%

1991 Proj. Employment . . . 5,400



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,561	4,638	4,563	4,322	4,247	4,178
Number of Firms	446	447	478	496	498	498
Average Weekly Earnings	\$329.72	\$357.17	\$380.06	\$403.74	\$415.01	\$442.18

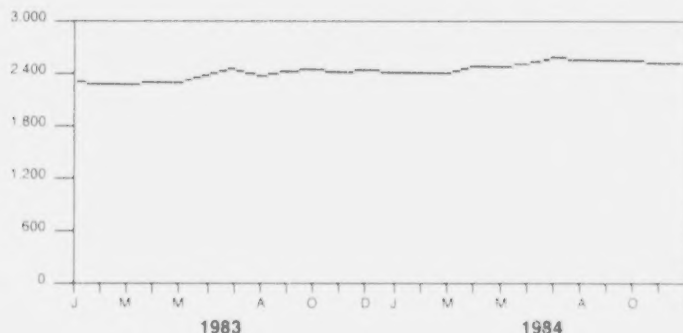
Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	427	10.02 **	CLERICAL WORKERS (cont.)		
Accountant/Auditor	34	0.80	Stock Clerk, Storeroom & Warehouse	111	2.60
Electrical/Electronic Engineer	110	2.58	Switchboard Oper	47	1.10
Electrical/Electronic Tech	201	4.72	Typist/Word Processor	52	1.22
Mechanical Engineer	45	1.06	CRAFT WORKERS & SUPERVISORS ..	381	8.94 *
MANAGERS & OFFICERS	636	14.92 **	Carpenter	17	0.40
Buyer, Wholesale/Retail Trade	77	1.81	Electric Motor Repairer	30	0.70
Manager, Merchandise	111	2.60	Electrician	90	2.11
Wholesaler	320	7.51 *	Electromedical Equipment Repairer	26	0.61
SALES WORKERS	1,190	27.92 ***	Household Appliance Repairer	11	0.26
Sales Clerk	139	3.26	Installer/Repairer/Section Maintnr	75	1.76
Sales Representative	1,050	24.64 ***	Machinist	18	0.42
CLERICAL WORKERS	1,173	27.52 ***	Maintenance Repairer, Gen Utility	14	0.33
Accounting Clerk	106	2.49	Radio Mechanic	12	0.28
Bookkeeper	83	1.95	Supervisor, Nonworking Exc Service	67	1.57
Bookkeeping & Billing Mach Oper	30	0.70	OPERATIVES	340	7.98 *
Cashier	85	1.99	Delivery Driver & Route Worker	27	0.63
Clerical Supervisor	14	0.33	Electrical/Electronic Assembler	99	2.32
General Clerk	148	3.47	Lathe &/or Turning Mach Oper	26	0.61
Order Clerk	126	2.96	Production Packager	14	0.33
Protective Signal Oper	36	0.84	Shipping Packer	120	2.82
Receptionist	13	0.31	Truck Driver	24	0.56
Secretary	127	2.98	LABORERS EXCEPT FARM	107	2.51
Shipping & Receiving Clerk	136	3.19	Order Filler	79	1.85

507 HARDWARE, PLUMBING & HEATING EQUIPMENT 507

1983-91 Growth Rate . . . 22.85%

1984 New Hire Rate . . . 65.95%

1991 Proj. Employment . . . 3,000



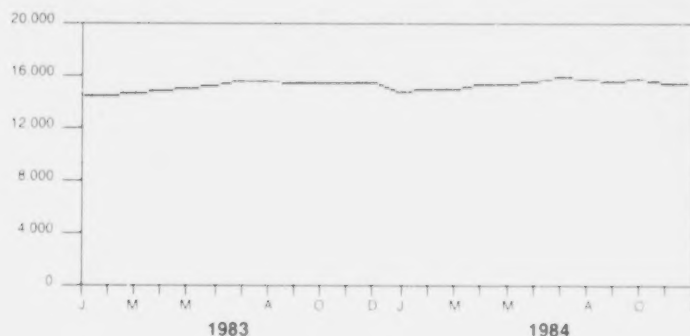
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,800	2,770	2,588	2,460	2,426	2,589
Number of Firms	270	283	303	301	300	302
Average Weekly Earnings	\$331.47	\$361.06	\$387.41	\$388.50	\$399.41	\$419.74

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	84	3.43	CLERICAL WORKERS (cont.)		
Accountant/Auditor	21	0.86	Secretary	62	2.53
Drafter	11	0.45	Shipping & Receiving Clerk	62	2.53
Estimator & Drafter, Utilities	11	0.45	Stock Clerk, Storeroom & Warehouse	83	3.39
Mechanical Engineer	13	0.53	Typist/Word Processor	16	0.65
MANAGERS & OFFICERS	345	14.10 **	CRAFT WORKERS & SUPERVISORS	208	8.50 *
Buyer, Wholesale/Retail Trade	74	3.02	Maintenance Repairer, Gen Utility	21	0.86
Manager, Merchandise	14	0.57	Plumber &/or Pipefitter	41	1.68
Wholesaler	165	6.74 *	Refrigeration Mechanic	85	3.47
SALES WORKERS	615	25.13 ***	Supervisor, Nonworking Exc Service	25	1.02
Sales Clerk	10	0.41	OPERATIVES	256	10.46 **
Sales Representative	605	24.72 ***	Assembler	30	1.23
CLERICAL WORKERS	649	26.52 ***	Delivery Driver & Route Worker	29	1.19
Accounting Clerk	44	1.80	Electrical-Electronic Assembler	17	0.69
Bookkeeper	65	2.66	Industrial Truck Operator	31	1.27
Bookkeeping & Billing Mach Oper	24	0.98	Lathe &/or Turning Mach Oper	10	0.41
Clerical Supervisor	17	0.69	Shipping Packer	51	2.08
Computer Operator	10	0.41	Truck Driver	76	3.11
General Clerk	122	4.99	Welder/Flamecutter	10	0.41
Order Clerk	98	4.00	LABORERS EXCEPT FARM	285	11.65 **
			Order Filler	214	8.75 *
			Stock Clerk, Sales Floor	12	0.49

1983-91 Growth Rate . . . 16.35%

1984 New Hire Rate . . . 62.19%

1991 Proj. Employment . . . 18,000



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	17,202	17,585	17,163	15,548	15,390	15,551
Number of Firms	1,643	1,725	1,836	1,839	1,827	1,749
Average Weekly Earnings	\$341.80	\$366.12	\$390.95	\$408.01	\$421.15	\$441.97

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	1,447	9.35 *	CLERICAL WORKERS (cont.)		
Accountant/Auditor	153	0.99	Collector	13	0.08
Biological Science Tech	34	0.22	Computer Operator	19	0.12
Computer Programmer	48	0.31	Cost Estimator	17	0.11
Drafter	30	0.19	Dispatcher Vehicle/Service Work	11	0.07
Electrical/Electronic Engineer	90	0.58	General Clerk	692	4.47
Electrical/Electronic Tech	791	5.11 *	Key Punch/Data Entry Oper	28	0.18
Mechanical Engineer	90	0.58	Mail Clerk	11	0.07
Personnel & Labor Relations Spec	17	0.11	Order Clerk	473	3.06
Systems Analyst, EDP	104	0.67	Receptionist	34	0.22
MANAGERS & OFFICERS	2,034	13.15 **	Secretary	553	3.58
Buyer, Wholesale/Retail Trade	192	1.24	Shipping & Receiving Clerk	337	2.18
Manager, Auto Service Dept	12	0.08	Stock Clerk, Storeroom & Warehouse	371	2.40
Manager, Merchandise	331	2.14	Switchboard Oper/Receptionist	12	0.08
Wholesaler	950	6.14 *	Typist/Word Processor	100	0.65
SALES WORKERS	3,866	24.99 ***	CRAFT WORKERS & SUPERVISORS	3,017	19.50 **
Sales Clerk	401	2.59	Aircraft Mechanic	15	0.10
Sales Representative	3,465	22.40 ***	Automotive Mechanic	321	2.08
CLERICAL WORKERS	3,620	23.40 ***	Diesel Mechanic	292	1.89
Accounting Clerk	280	1.81	Electrician	11	0.07
Adjustment Clerk	15	0.10	Electronic Mechanic	162	1.05
Bookkeeper	369	2.39	Elevator Installer-Repairer	64	0.41
Bookkeeping & Billing Mach Oper	122	0.79	Engineering Equip Mechanic	421	2.72
Cashier	15	0.10	Farm Equipment Mechanic	114	0.74
Clerical Supervisor	87	0.56			

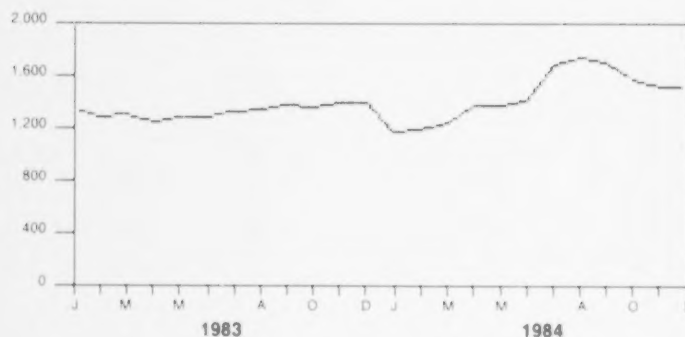
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CRAFT WORKERS & SUPERVISORS (cont.)			OPERATIVES (cont.)		
Inspector	25	0.16	Gas Station Attendant	19	0.12
Maintenance Mechanic	148	0.96	Industrial Truck Operator	19	0.12
Maintenance Repairer, Gen Utility	137	0.89	Production Packager	15	0.10
Office Mach/Cash Reg Servicer	723	4.67	Shipping Packer	160	1.03
Optician Dispens &/or Optic Mech	119	0.77	Truck Driver	136	0.88
Plumber &/or Pipefitter	50	0.32	Welder/Flamecutter	160	1.03
Refrigeration Mechanic	24	0.16	SERVICE WORKERS	239	1.55
Supervisor, Nonworking Exc Service	206	1.33	Cleaner, Housekeeping	27	0.17
OPERATIVES	883	5.71 *	Janitor/Porter/Cleaner	212	1.37
Assembler	45	0.29	LABORERS EXCEPT FARM	362	2.34
Delivery Driver & Route Worker	249	1.61	Order Filler	192	1.24
Electrical-Electronic Assembler	10	0.06			

1983-91 Growth Rate . . . 9.66%

1984 New Hire Rate . . . 108.60%

1991 Proj. Employment . . . 1,465



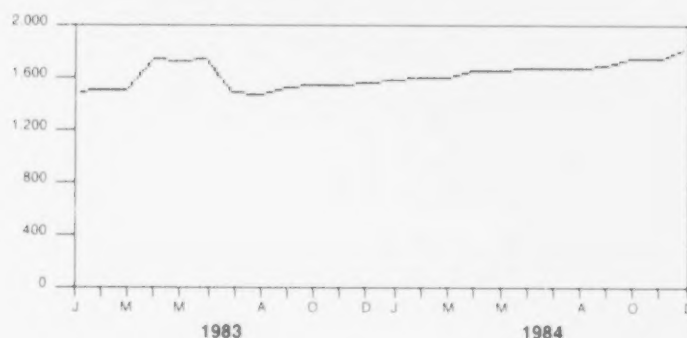
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,709	1,571	1,520	1,290	1,322	1,453
Number of Firms	254	252	243	223	218	206
Average Weekly Earnings	\$283.16	\$324.10	\$328.07	\$344.52	\$358.55	\$352.31

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	22	1.65	CRAFT WORKERS & SUPERVISORS . .	118	8.87 *
Accountant/Auditor	13	0.98	Automotive Mechanic	14	1.05
MANAGERS & OFFICERS	179	13.45 **	Crane, Derrick & Hoist Operator	57	4.28
Buyer, Wholesale/Retail Trade	32	2.40	Supervisor, Nonworking Exc Service . .	23	1.73
Manager, Merchandise	10	0.75	OPERATIVES	301	22.61 ***
Wholesaler	112	8.41 *	Baling Mach Oper	42	3.16
SALES WORKERS	131	9.84 *	Delivery Driver & Route Worker	41	3.08
Sales Representative	124	9.32 *	Industrial Truck Operator	48	3.61
CLERICAL WORKERS	276	20.74 ***	Shipping Packer	13	0.98
Accounting Clerk	19	1.43	Truck Driver	93	6.99 *
Bookkeeper	52	3.91	Welder/Flamecutter	10	0.75
General Clerk	66	4.96	LABORERS EXCEPT FARM	303	22.76 ***
Order Clerk	11	0.83	Order Filler	52	3.91
Secretary	20	1.50			
Shipping & Receiving Clerk	29	2.18			
Stock Clerk, Storeroom & Warehouse	49	3.68			

1983-91 Growth Rate . . . 46.94%

1984 New Hire Rate . . . 50.96%

1991 Proj. Employment . . . 2,329



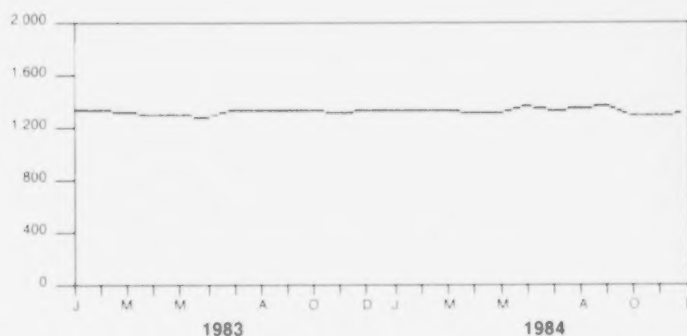
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,757	1,818	1,657	1,562	1,577	1,677
Number of Firms	119	124	132	138	141	156
Average Weekly Earnings	\$330.46	\$354.53	\$376.29	\$382.92	\$390.65	\$407.85

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	41	2.59	CLERICAL WORKERS (cont.)		
Accountant/Auditor	17	1.08	Secretary	28	1.77
Electrical/Electronic Tech	12	0.76	Shipping & Receiving Clerk	25	1.58
MANAGERS & OFFICERS	184	11.65 **	Stock Clerk, Storeroom & Warehouse	25	1.58
Buyer, Wholesale/Retail Trade	42	2.66	Typist/Word Processor	15	0.95
Manager, Merchandise	33	2.09	CRAFT WORKERS & SUPERVISORS	46	2.91
Wholesaler	76	4.81	Office Mach/Cash Reg Servicer	23	1.46
SALES WORKERS	600	37.97 ****	Supervisor, Nonworking Exc Service	12	0.76
Sales Clerk	18	1.14	OPERATIVES	232	14.68 **
Sales Representative	582	36.84 ****	Delivery Driver & Route Worker	44	2.78
CLERICAL WORKERS	379	23.99 ***	Industrial Truck Operator	55	3.48
Accounting Clerk	34	2.15	Shipping Packer	22	1.39
Bookkeeper	50	3.16	Truck Driver	101	6.39 *
Bookkeeping & Billing Mach Oper	14	0.89	LABORERS EXCEPT FARM	96	6.08 *
General Clerk	71	4.49	Order Filler	50	3.16
Order Clerk	74	4.68			

1983-91 Growth Rate . . . -4.32%

1984 New Hire Rate . . . 65.00%

1991 Proj. Employment . . . 1,262



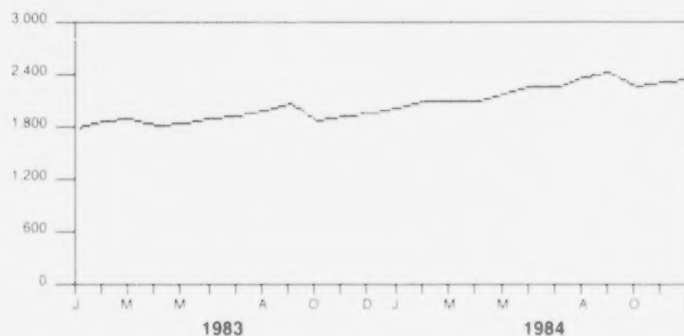
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	941	1,023	1,234	1,299	1,318	1,331
Number of Firms	159	155	173	183	175	178
Average Weekly Earnings	\$351.02	\$353.97	\$345.34	\$357.92	\$380.05	\$414.85

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	23	1.74	CLERICAL WORKERS (cont.)		
Chemist	10	0.76	Secretary	18	1.36
MANAGERS & OFFICERS	94	7.13 *	Shipping & Receiving Clerk	38	2.88
Manager, Merchandise	12	0.91	Stock Clerk, Storeroom & Warehouse	21	1.59
Wholesaler	27	2.05	CRAFT WORKERS & SUPERVISORS	13	0.99
SALES WORKERS	818	62.02 *****	OPERATIVES	115	8.72 *
Sales Clerk	107	8.11 *	Delivery Driver & Route Worker	21	1.59
Sales Representative	711	53.90 *****	Production Packager	24	1.82
CLERICAL WORKERS	188	14.25 **	Shipping Packer	53	4.02
Accounting Clerk	16	1.21	Truck Driver	12	0.91
Bookkeeper	12	0.91	LABORERS EXCEPT FARM	68	5.16 *
General Clerk	26	1.97	Order Filler	68	5.16 *
Order Clerk	39	2.96			

1983-91 Growth Rate . . . 10.87%

1984 New Hire Rate . . . 56.13%

1991 Proj. Employment . . . 2,111



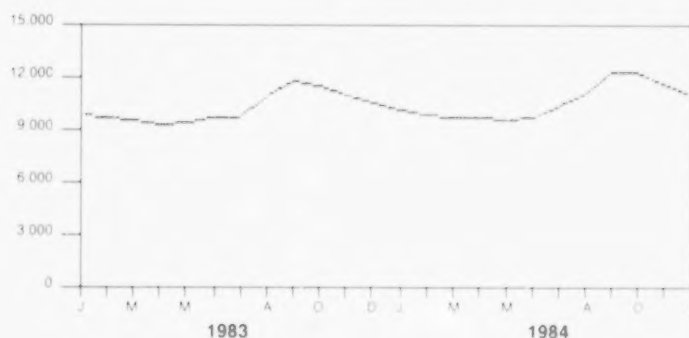
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,251	1,408	1,641	1,855	1,898	2,214
Number of Firms	152	148	151	137	144	139
Average Weekly Earnings	\$280.63	\$323.21	\$356.34	\$398.87	\$430.67	\$460.87

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	150	7.90 *	CLERICAL WORKERS (cont.)		
Accountant/Auditor	38	2.00	File Clerk	169	8.90 *
Computer Programmer	18	0.95	General Clerk	139	7.32 *
Lawyer	11	0.58	Order Clerk	54	2.84
Systems Analyst, EDP	17	0.90	Payroll &/or Timekeeping Clerk	14	0.74
MANAGERS & OFFICERS	368	19.38 **	Receptionist	10	0.53
Buyer, Wholesale/Retail Trade	15	0.79	Secretary	104	5.48 *
Manager, Merchandise	25	1.32	Shipping & Receiving Clerk	55	2.90
Wholesaler	38	2.00	Stock Clerk, Storeroom & Warehouse	28	1.47
SALES WORKERS	158	8.32 *	Typist/Word Processor	31	1.63
Sales Representative	153	8.06 *	CRAFT WORKERS & SUPERVISORS	51	2.69
CLERICAL WORKERS	765	40.28 *****	Supervisor, Nonworking Exc Service	34	1.79
Accounting Clerk	46	2.42	OPERATIVES	102	5.37 *
Bookkeeper	30	1.58	Delivery Driver & Route Worker	13	0.68
Clerical Supervisor	13	0.68	Sewing Mach (Reg) Oper, Garment	11	0.58
Computer Operator	11	0.58	Shipping Packer	57	3.00
Correspondence Clerk	20	1.05	LABORERS EXCEPT FARM	298	15.69 **
			Order Filler	75	3.95

1983-91 Growth Rate ... 19.55%

1984 New Hire Rate ... 94.37%

1991 Proj. Employment ... 12,115



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	9,282	9,695	10,034	9,585	10,114	10,486
Number of Firms	585	584	595	585	599	615
Average Weekly Earnings	\$294.13	\$337.88	\$338.96	\$358.29	\$358.05	\$379.81

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	122	1.20	CLERICAL WORKERS (cont.)		
Accountant/Auditor	51	0.50	Receptionist	13	0.13
Computer Programmer	11	0.11	Secretary	147	1.45
Personnel & Labor Relations Spec	10	0.10	Shipping & Receiving Clerk	133	1.31
MANAGERS & OFFICERS	777	7.67 *	Stock Clerk, Storeroom & Warehouse	214	2.11
Buyer, Wholesale/Retail Trade	113	1.12	Switchboard Oper./Receptionist	12	0.12
Manager, Merchandise	99	0.98	Typist/Word Processor	54	0.53
Purchasing Agent &/or Buyer	20	0.20	Weigher	211	2.08
Wholesaler	350	3.46	CRAFT WORKERS & SUPERVISORS	410	4.05
SALES WORKERS	1,446	14.28 **	Automotive Mechanic	36	0.36
Demonstrator	28	0.28	Baker	42	0.41
Sales Clerk	24	0.24	Cake Decorator	11	0.11
Sales Representative	1,386	13.68 **	Coin Machine Servicer	16	0.16
CLERICAL WORKERS	1,857	18.34 **	Diesel Mechanic	42	0.41
Accounting Clerk	196	1.94	Inspector	21	0.21
Adjustment Clerk	13	0.13	Maintenance Mechanic	17	0.17
Bookkeeper	172	1.70	Maintenance Repairer, Gen Utility	38	0.38
Bookkeeping & Billing Mach Oper	45	0.44	Supervisor, Nonworking Exc Service	142	1.40
Cashier	60	0.59	OPERATIVES	3,425	33.82 ****
Clerical Supervisor	23	0.23	Butcher/Meat Cutter (Exc Manuf)	185	1.83
Computer Operator	29	0.29	Delivery Driver & Route Worker	1,085	10.71 **
Dispatcher Vehicle/Service Work	25	0.25	Grader, Food &/or Skins	228	2.25
General Clerk	232	2.29	Industrial Truck Operator	355	3.51
Key Punch/Data Entry Oper	49	0.48	Meat Grinder	17	0.17
Order Clerk	178	1.76	Mixer, Food & Tobacco	32	0.32

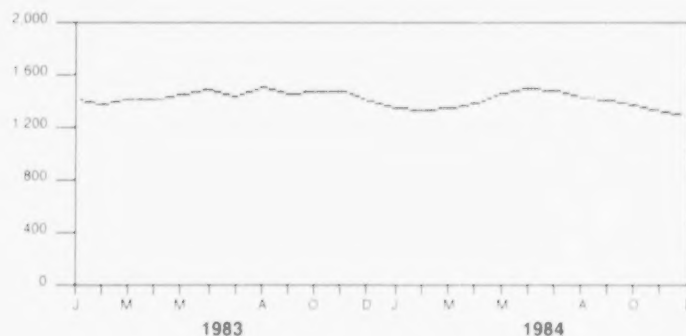
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
OPERATIVES (cont.)			LABORERS EXCEPT FARM	1,889	18.65 **
Oven Operator, Automatic	30	0.30	Order Filler	675	6.66 *
Production Packager	624	6.16 *	Stock Clerk, Sales Floor	109	1.08
Shipping Packer	117	1.16	Truck Driver Helper	11	0.11
Truck Driver	680	6.71 *	FARM WORKERS	75	0.74
SERVICE WORKERS	127	1.25	Animal Caretaker	10	0.10
Guard/Doorkeeper	14	0.14	Fruit & Nut Crop Worker	65	0.64
Janitor/Porter/Cleaner	98	0.97			
Pantry Work & Sandwich/Coffee Maker	11	0.11			

1983-91 Growth Rate . . . 14.16%

1984 New Hire Rate . . . 73.58%

1991 Proj. Employment . . . 1,677



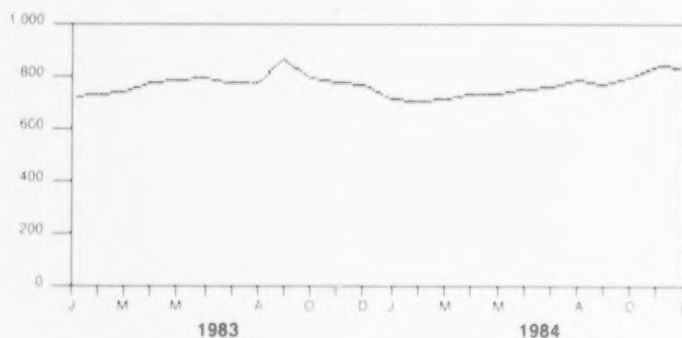
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,532	1,563	1,604	1,556	1,468	1,404
Number of Firms	87	88	84	84	83	83
Average Weekly Earnings	\$247.60	\$302.30	\$328.36	\$347.29	\$332.51	\$329.03

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	37	2.51	CLERICAL WORKERS (cont.)		
Accountant/Auditor	28	1.90	Stock Clerk, Storeroom & Warehouse	19	1.29
MANAGERS & OFFICERS	181	12.28 **	Typist/Word Processor	13	0.88
Buyer, Wholesale/Retail Trade	63	4.27	Weigher	44	2.99
Manager, Merchandise	10	0.68	CRAFT WORKERS & SUPERVISORS	119	8.07 *
Wholesaler	60	4.07	Automotive Mechanic	29	1.97
SALES WORKERS	131	8.89 *	Maintenance Repairer, Gen Utility	28	1.90
Sales Clerk	11	0.75	Supervisor, Nonworking Exc Service	43	2.92
Sales Representative	120	8.14 *	OPERATIVES	168	11.40 **
CLERICAL WORKERS	503	34.12 ****	Conveyor Operator	39	2.65
Accounting Clerk	106	7.19 *	Cook &/or Cooker	10	0.68
Bookkeeper	42	2.85	Delivery Driver & Route Worker	12	0.81
Bookkeeping & Billing Mach Oper	17	1.15	Truck Driver	66	4.48
Cashier	20	1.36	SERVICE WORKERS	30	2.04
Clerical Supervisor	10	0.68	Janitor/Porter/Cleaner	15	1.02
General Clerk	79	5.36 *	LABORERS EXCEPT FARM	254	17.23 **
Secretary	33	2.24	FARM WORKERS	51	3.46
			Animal Caretaker	51	3.46

1983-91 Growth Rate . . . 29.86%

1984 New Hire Rate . . . 71.95%

1991 Proj. Employment . . . 1,009



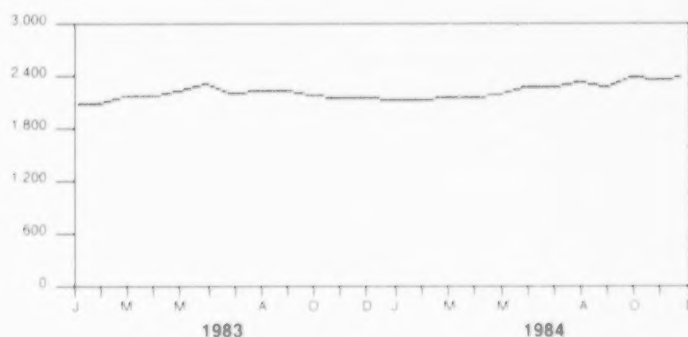
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	753	745	759	747	773	758
Number of Firms	125	119	121	119	122	133
Average Weekly Earnings	\$347.75	\$393.04	\$403.29	\$422.78	\$443.80	\$465.50

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	37	4.77	CLERICAL WORKERS (cont.)		
Chemical Engineer	11	1.42	Order Clerk	28	3.61
MANAGERS & OFFICERS	104	13.40 **	Secretary	22	2.84
Buyer, Wholesale/Retail Trade	10	1.29	Shipping & Receiving Clerk	14	1.80
Wholesaler	65	8.38 *	Stock Clerk, Storeroom & Warehouse	31	3.99
SALES WORKERS	310	39.95 ****	OPERATIVES	109	14.05 **
Sales Representative	306	39.43 ****	Delivery Driver & Route Worker	32	4.12
CLERICAL WORKERS	166	21.39 ***	Mixer/Blender, Chemical	11	1.42
Accounting Clerk	13	1.68	Shipping Packer	11	1.42
Bookkeeper	18	2.32	Truck Driver	30	3.87
General Clerk	17	2.19	LABORERS EXCEPT FARM	46	5.93 *
			Order Filler	16	2.06

1983-91 Growth Rate . . . 23.22%

1984 New Hire Rate . . . 100.42%

1991 Proj. Employment . . . 2,680



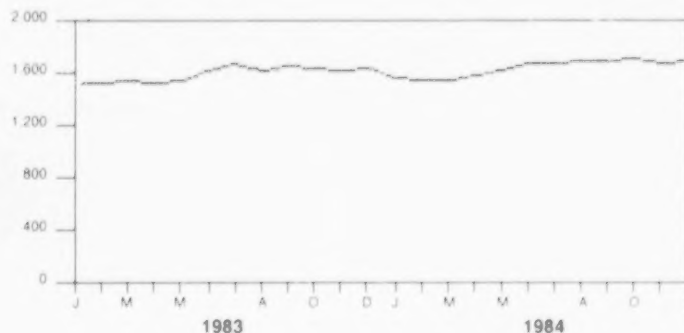
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,115	2,219	2,353	2,178	2,172	2,224
Number of Firms	247	237	220	218	216	215
Average Weekly Earnings	\$290.89	\$327.76	\$330.30	\$334.15	\$337.64	\$343.64

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	29	1.33	CRAFT WORKERS & SUPERVISORS ..	83	3.82
Accountant/Auditor	18	0.83	Automotive Mechanic	13	0.60
MANAGERS & OFFICERS	276	12.70 **	Diesel Mechanic	11	0.51
Manager, Merchandise	36	1.66	Household Appliance Repairer	15	0.69
Manager, Store	21	0.97	Maintenance Repairer, Gen Utility	12	0.55
Wholesaler	139	6.40 *	Supervisor, Nonworking Exc Service	17	0.78
SALES WORKERS	166	7.64 *	OPERATIVES	1,194	54.95 *****
Sales Clerk	32	1.47	Compounder, Petroleum	11	0.51
Sales Representative	134	6.17 *	Delivery Driver & Route Worker	223	10.26 **
CLERICAL WORKERS	385	17.72 **	Gager	46	2.12
Accounting Clerk	34	1.56	Gas Station Attendant	551	25.36 ***
Bookkeeper	97	4.46	Industrial Truck Operator	14	0.64
Bookkeeping & Billing Mach Oper	17	0.78	Production Packager	14	0.64
Cashier	20	0.92	Truck Driver	313	14.40 **
General Clerk	74	3.41	SERVICE WORKERS	14	0.64
Order Clerk	13	0.60	Janitor/Porter/Cleaner	12	0.55
Secretary	32	1.47	LABORERS EXCEPT FARM	26	1.20
Service Clerk	36	1.66			
Stock Clerk, Storeroom & Warehouse	32	1.47			

1983-91 Growth Rate . . . 26.42%

1984 New Hire Rate . . . 59.13%

1991 Proj. Employment . . . 2,000



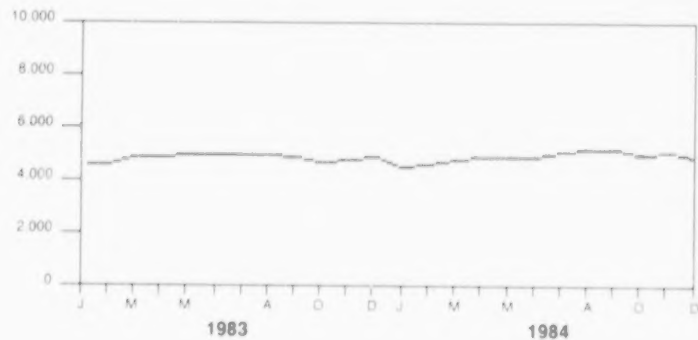
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,416	1,483	1,573	1,578	1,579	1,625
Number of Firms	135	134	138	134	129	119
Average Weekly Earnings	\$350.09	\$380.79	\$412.49	\$428.25	\$436.38	\$436.76

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	12	0.76	CRAFT WORKERS & SUPERVISORS . .	35	2.22
MANAGERS & OFFICERS	166	10.52 **	Supervisor, Nonworking Exc Service	19	1.20
Manager, Merchandise	41	2.60	OPERATIVES	725	45.94 *****
Wholesaler	110	6.97 *	Delivery Driver & Route Worker	611	38.72 ****
SALES WORKERS	289	18.31 **	Industrial Truck Operator	53	3.36
Sales Clerk	13	0.82	Production Packager	23	1.46
Sales Representative	276	17.49 **	Truck Driver	29	1.84
CLERICAL WORKERS	259	16.41 **	SERVICE WORKERS	25	1.58
Accounting Clerk	20	1.27	Janitor/Porter/Cleaner	25	1.58
Bookkeeper	40	2.53	LABORERS EXCEPT FARM	67	4.25
Bookkeeping & Billing Mach Oper	13	0.82	Order Filler	42	2.66
General Clerk	64	4.06			
Secretary	32	2.03			
Shipping & Receiving Clerk	16	1.01			
Stock Clerk, Storeroom & Warehouse	43	2.72			

1983-91 Growth Rate ... 35.57%

1984 New Hire Rate ... 88.02%

1991 Proj. Employment ... 6,590



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	5,229	5,175	5,211	5,045	4,843	4,901
Number of Firms	612	596	600	599	613	591
Average Weekly Earnings	\$237.88	\$267.10	\$291.36	\$307.27	\$320.96	\$341.70

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	122	2.50	CRAFT WORKERS & SUPERVISORS ..	243	4.98
Accountant/Auditor	37	0.76	Automotive Mechanic	17	0.35
Librarian	14	0.29	Diesel Mechanic	15	0.31
MANAGERS & OFFICERS	590	12.09 **	Farm Equipment Mechanic	12	0.25
Buyer, Wholesale/Retail Trade	93	1.91	Maintenance Repairer, Gen Utility	34	0.70
Manager, Merchandise	61	1.25	Merchandise Displayer/Window Trim	51	1.05
Wholesaler	347	7.11 *	Miller, Food	29	0.59
SALES WORKERS	1,227	25.14 ***	Supervisor, Nonworking Exc Service	63	1.29
Sales Clerk	319	6.54 *	OPERATIVES	899	18.42 **
Sales Representative	894	18.32 **	Delivery Driver & Route Worker	363	7.44 *
CLERICAL WORKERS	1,197	24.53 ***	Industrial Truck Operator	71	1.45
Accounting Clerk	91	1.86	Mixer/Blender, Chemical	43	0.88
Bookkeeper	184	3.77	Shipping Packer	151	3.09
Bookkeeping & Billing Mach Oper	58	1.19	Truck Driver	209	4.28
Cashier	22	0.45	Washer &/or Separator, Food	12	0.25
Clerical Supervisor	43	0.88	SERVICE WORKERS	23	0.47
General Clerk	176	3.61	Janitor/Porter/Cleaner	10	0.20
Key Punch/Data Entry Oper	11	0.23	LABORERS EXCEPT FARM	463	9.49 *
Order Clerk	110	2.25	Order Filler	223	4.57
Secretary	89	1.82	FARM WORKERS	116	2.38
Shipping & Receiving Clerk	145	2.97	Farm Equipment Operator	31	0.64
Stock Clerk, Storeroom & Warehouse	180	3.69	Nursery or Greenhouse Worker	76	1.56
Typist/Word Processor	34	0.70			

Retail Trade

This division includes establishments engaged in selling merchandise for personal or household consumption, and rendering services incidental to the sale of the goods. In general, retail establishments are classified by kind of business according to the principal lines of commodities sold (groceries, hardware, etc.), or the usual trade designation (drug store, cigar store, etc.). Some of the important characteristics of retail trade establishments are: the establishment is usually a place of business and is engaged in activities to attract the general public to buy; the establishment buys or receives merchandise as well as sells; the establishment may process its products, but such processing is incidental or subordinate to selling; the establishment is considered as retail in the trade; and the establishment sells to customers for personal or household use. Not all of these characteristics need be present and some are modified by trade practice.

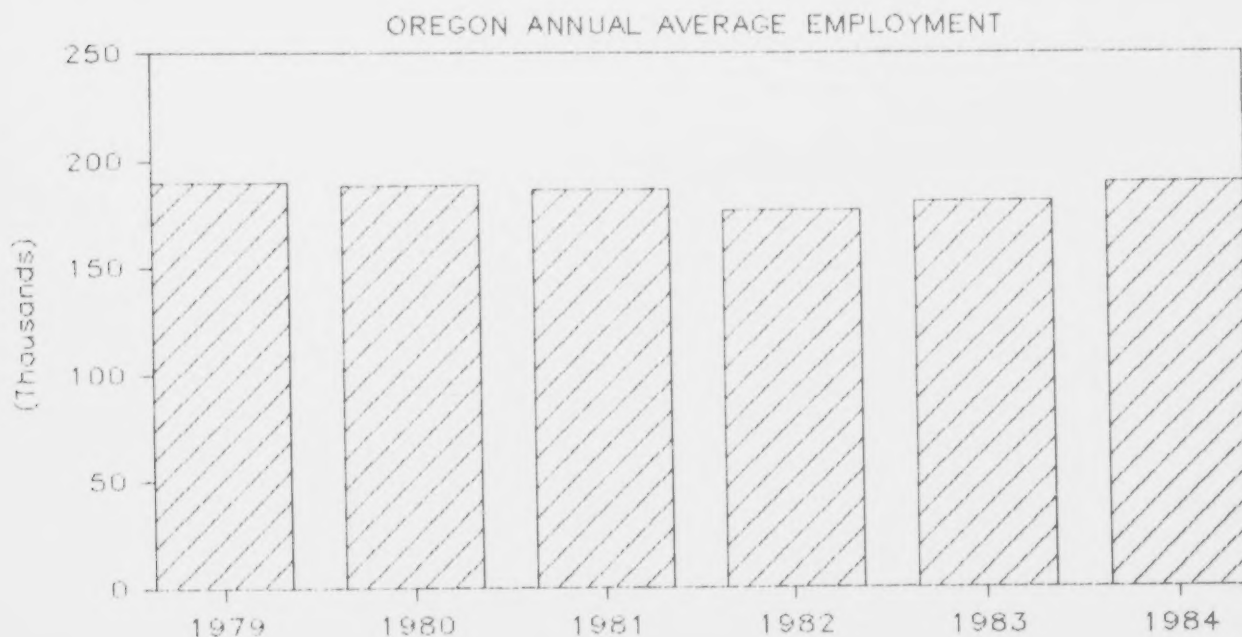
For the most part, establishments engaged in retail trade sell merchandise to the general public for personal or household consumption. Exceptions to this general rule are made necessary by trade practices. For example, lumber yards and paint, glass and wallpaper stores are included in Retail Trade if they sell to the general public, even if a higher

proportion of their sales is made to contractors. However, establishments that sell exclusively to business establishments, institutional and industrial users, or contractors are classified in Wholesale Trade.

Establishments engaged in selling to the general public, from displayed merchandise, products such as typewriters, stationery, or gasoline are classified in Retail Trade even though such products may not be used for personal or household consumption. However, establishments that sell these products only to institutional or industrial users and establishments that sell similar merchandise for use exclusively by business establishments are classified in Wholesale Trade.

Buying of goods for resale to the consumer is a characteristic of retail trade establishments that particularly distinguishes them from the agricultural and extractive industries. For example, farmers who sell only their own produce at or from the point of production are not classified as retailers.

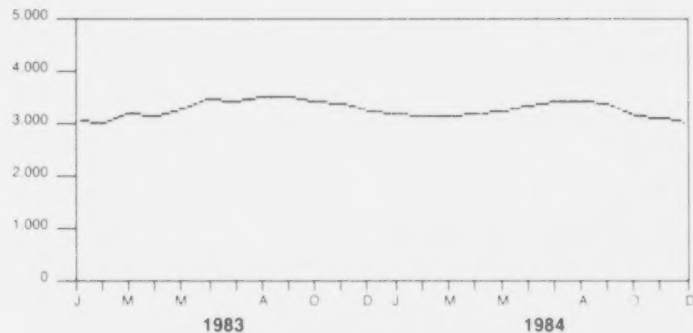
Processing incidental or subordinate to selling often is conducted at retail stores. For example, restaurants prepare meals, and meat markets cut meat.



1983-91 Growth Rate ... 24.81%

1984 New Hire Rate ... 74.30%

1991 Proj. Employment ... 4,080



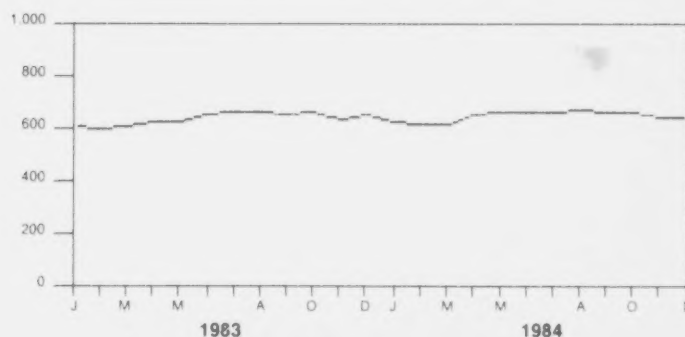
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,074	3,733	3,479	2,899	3,265	3,187
Number of Firms	343	356	377	348	336	324
Average Weekly Earnings	\$268.38	\$289.25	\$299.29	\$301.15	\$338.06	\$338.24

Occupation	1983 Employment	Percent	Occupation	1983 Employment	Percent
PROFESSIONAL & TECHNICAL	19	0.58	CRAFT WORKERS & SUPERVISORS ..	120	3.67
Accountant/Auditor	17	0.52	Automotive Mechanic	13	0.40
MANAGERS & OFFICERS	535	16.37 **	Carpenter	17	0.52
Buyer, Wholesale/Retail Trade	57	1.74	Maintenance Repairer, Gen Utility	29	0.89
Manager, Merchandise	45	1.38	Supervisor, Nonworking Exc Service ..	27	0.83
Manager, Store	348	10.65 **	OPERATIVES	581	17.77 **
Wholesaler	10	0.31	Assembler	14	0.43
SALES WORKERS	968	29.61 ***	Delivery Driver & Route Worker	102	3.12
Sales Clerk	136	4.16	Industrial Truck Operator	42	1.28
Sales Representative	832	25.45 ***	Machinist, Wood	39	1.19
CLERICAL WORKERS	849	25.97 ***	Truck Driver	330	10.09 **
Accounting Clerk	156	4.77	SERVICE WORKERS	19	0.58
Bookkeeper	127	3.88	Janitor/Porter/Cleaner	16	0.49
Cashier	140	4.28	LABORERS EXCEPT FARM	178	5.45 *
General Clerk	91	2.78	Stock Clerk, Sales Floor	49	1.50
Secretary	25	0.76			
Shipping & Receiving Clerk	67	2.05			
Stock Clerk, Storeroom & Warehouse	190	5.81 *			

1983-91 Growth Rate . . . 44.57%

1984 New Hire Rate . . . 94.44%

1991 Proj. Employment . . . 918



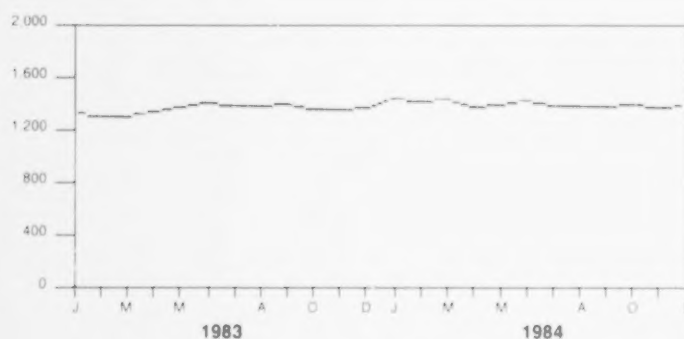
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	790	808	784	694	632	643
Number of Firms	125	131	131	125	121	120
Average Weekly Earnings	\$250.18	\$274.09	\$300.59	\$330.46	\$287.69	\$294.45

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	11	1.74	CLERICAL WORKERS	104	16.48 **
MANAGERS & OFFICERS	106	16.80 **	Bookkeeper	36	5.71 *
Manager, Store	95	15.06 **	General Clerk	23	3.65
SALES WORKERS	289	45.80 *****	Secretary	20	3.17
Sales Clerk	12	1.90	Stock Clerk, Storeroom & Warehouse	19	3.01
Sales Representative	277	43.90 *****	CRAFT WORKERS & SUPERVISORS . .	114	18.07 **
			Glazier	100	15.85 **

1983-91 Growth Rate . . . 25.44%

1984 New Hire Rate . . . 79.95%

1991 Proj. Employment . . . 1,711



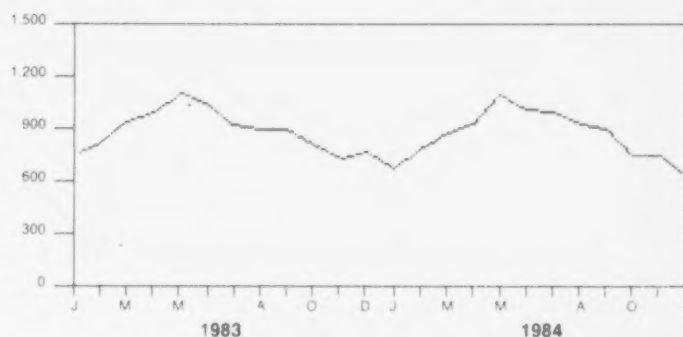
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,476	1,508	1,460	1,365	1,342	1,417
Number of Firms	292	286	288	287	273	276
Average Weekly Earnings	\$156.70	\$174.45	\$185.22	\$188.12	\$196.72	\$205.98

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	210	15.43 **	CLERICAL WORKERS (cont.)		
Buyer, Wholesale/Retail Trade	14	1.03	General Clerk	53	3.89
Manager, Store	186	13.67 **	Shipping & Receiving Clerk	14	1.03
SALES WORKERS	742	54.52 *****	Stock Clerk, Storeroom & Warehouse	46	3.38
Sales Clerk	203	14.92 **	CRAFT WORKERS & SUPERVISORS ..	33	2.42
Sales Representative	539	39.60 ****	Gasoline Engine/Mower Repairer	20	1.47
CLERICAL WORKERS	297	21.82 ***	OPERATIVES	18	1.32
Bookkeeper	78	5.73 *	Delivery Driver & Route Worker	11	0.81
Cashier	88	6.47 *	LABORERS EXCEPT FARM	50	3.67
			Stock Clerk, Sales Floor	48	3.53

1983-91 Growth Rate ... 20.45%

1984 New Hire Rate ... 149.26%

1991 Proj. Employment ... 1,072



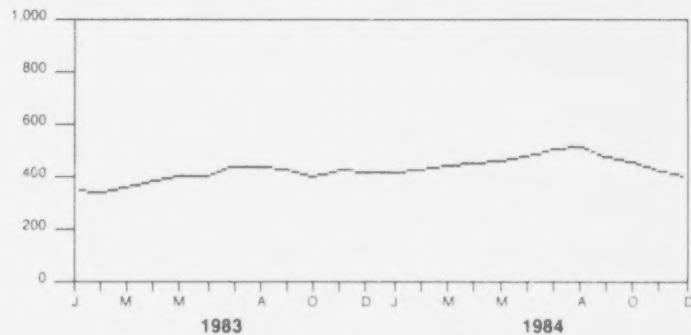
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	956	922	917	910	885	864
Number of Firms	124	121	125	129	120	114
Average Weekly Earnings	\$176.39	\$200.04	\$223.99	\$224.63	\$216.67	\$216.82

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	26	2.91	CRAFT WORKERS & SUPERVISORS ..	64	7.17 *
Designer	14	1.57	Gasoline Engine/Mower Repairer	19	2.13
MANAGERS & OFFICERS	81	9.07 *	Maintenance Repairer, Gen Utility	12	1.34
Buyer, Wholesale/Retail Trade	16	1.79	Supervisor, Nonworking Exc Service ..	25	2.80
Manager, Store	46	5.15 *	OPERATIVES	73	8.17 *
SALES WORKERS	290	32.47 ****	Delivery Driver & Route Worker	12	1.34
Sales Clerk	94	10.53 **	Production Packager	12	1.34
Sales Representative	196	21.95 ***	Truck Driver	35	3.92
CLERICAL WORKERS	104	11.65 **	LABORERS EXCEPT FARM	216	24.19 ***
Bookkeeper	24	2.69	Gardener/Groundskeeper	18	2.02
Cashier	34	3.81	Stock Clerk, Sales Floor	21	2.35
General Clerk	10	1.12	FARM WORKERS	33	3.70
Stock Clerk, Storeroom & Warehouse	12	1.34	Nursery or Greenhouse Worker	31	3.47

1983-91 Growth Rate . . . 87.44%

1984 New Hire Rate . . . 158.16%

1991 Proj. Employment . . . 761



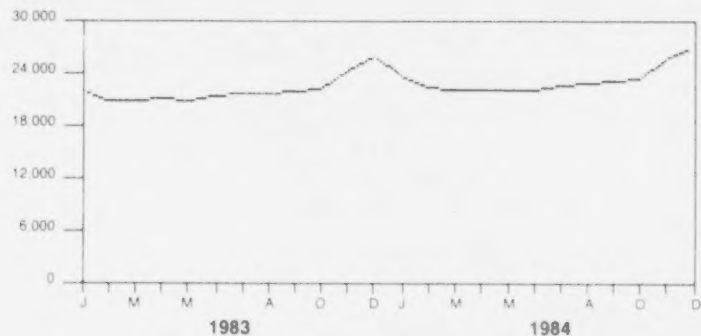
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,054	837	650	405	401	464
Number of Firms	141	129	122	95	85	80
Average Weekly Earnings	\$274.93	\$276.54	\$262.74	\$239.26	\$249.84	\$276.81

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	64	15.72 **	OPERATIVES	85	20.88 ***
Manager, Store	63	15.48 **	Gas Station Attendant	11	2.70
SALES WORKERS	103	25.31 ***	Mobile Home Set-up Operator	58	14.25 **
Sales Representative	102	25.06 ***	Truck Driver	15	3.69
CLERICAL WORKERS	64	15.72 **	SERVICE WORKERS	35	8.60 *
Bookkeeper	18	4.42	Janitor/Porter/Cleaner	13	3.19
General Clerk	24	5.90 *	Waiter or Waitress	15	3.69
CRAFT WORKERS & SUPERVISORS ..	39	9.58 *	LABORERS EXCEPT FARM	13	3.19
Mobile Home Repairer	35	8.60 *			

1983-91 Growth Rate . . . 13.48%

1984 New Hire Rate . . . 78.99%

1991 Proj. Employment . . . 25,049



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	25,354	25,322	22,445	21,619	22,068	23,337
Number of Firms	145	150	153	156	158	162
Average Weekly Earnings	\$183.02	\$204.07	\$215.79	\$233.28	\$243.68	\$257.25

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	625	2.83	CLERICAL WORKERS (cont.)		
Accountant/Auditor	15	0.07	Clerical Supervisor	120	0.54
Civil Engineer	14	0.06	Collector	234	1.06
Commercial Artist	36	0.16	Computer Operator	20	0.09
Computer Programmer	19	0.09	Credit Authorizer	66	0.30
Designer	71	0.32	Credit Reference Clerk	52	0.24
Personnel & Labor Relations Spec	74	0.34	File Clerk	37	0.17
Pharmacist	339	1.54	General Clerk	175	0.79
Writer &/or Editor	24	0.11	Key Punch/Data Entry Oper	65	0.29
MANAGERS & OFFICERS	2,782	12.60 **	Mail Clerk	17	0.08
Buyer, Wholesale/Retail Trade	258	1.17	Marker	227	1.03
Manager, Auto Service Dept	18	0.08	Office Machine Oper	14	0.06
Manager, Merchandise	183	0.83	Order Clerk	196	0.89
Manager, Store	1,291	5.85 *	Payroll &/or Timekeeping Clerk	51	0.23
Sales Clerk Supervisor	498	2.26	Personnel Clerk	53	0.24
SALES WORKERS	8,605	38.98 ****	Procurement Clerk	95	0.43
Sales Clerk	2,106	9.54 *	Secretary	115	0.52
Sales Representative	6,336	28.70 ***	Service Clerk	152	0.69
CLERICAL WORKERS	5,857	26.53 ***	Shipping & Receiving Clerk	234	1.06
Accounting Clerk	483	2.19	Stock Clerk, Storeroom & Warehouse	433	1.96
Adjustment Clerk	332	1.50	Switchboard Oper/Receptionist	23	0.10
Bookkeeper	134	0.61	Switchboard Oper	79	0.36
Cashier	2,277	10.31 **	Typist/Word Processor	60	0.27
Checker, Fitting Room	42	0.19			

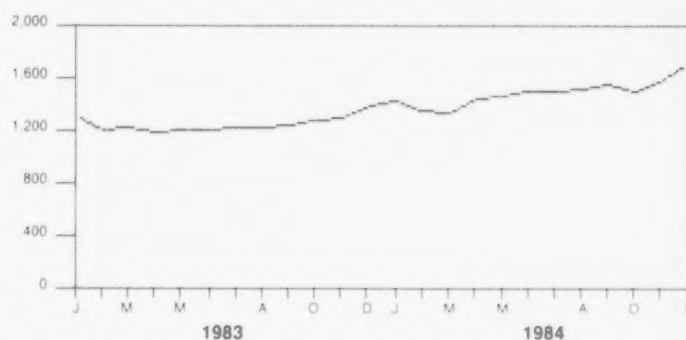
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CRAFT WORKERS & SUPERVISORS ..	969	4.39	SERVICE WORKERS	1,171	5.30 *
Automotive Mechanic	114	0.52	Cook, Restaurant	29	0.13
Alteration Tailor	99	0.45	Cook, Short Order	23	0.10
Automobile Repair Service Estimato ..	10	0.05	Cosmetologist &/or Hairstylist	167	0.76
Carpenter	25	0.11	Counter Attendant, Cafeteria	51	0.23
Gasoline Engine/Mower Repairer	13	0.06	Guard/Doorkeeper	59	0.27
Household Appliance Repairer	32	0.14	Janitor/Porter/Cleaner	483	2.19
Maintenance Repairer, Gen Utility	90	0.41	Kitchen Helper	38	0.17
Merchandise Displayer/Window Trim ..	107	0.48	Store Detective	186	0.84
Press Operator &/or Plate Printer	18	0.08	Waiter or Waitress	116	0.53
Stationary Engineer	13	0.06	LABORERS EXCEPT FARM	1,541	6.98 *
Supervisor, Nonworking Exc Service ..	119	0.54	Order Filler	205	0.93
Supervisor, Nonworking Service	29	0.13	Stock Clerk, Sales Floor	974	4.41
TV/Radio/Tape Deck Repairer	49	0.22			
OPERATIVES	523	2.37			
Delivery Driver & Route Worker	25	0.11			
Gas Station Attendant	52	0.24			
Industrial Truck Operator	194	0.88			
Sewing Mach (Reg) Oper, Nongarment ..	38	0.17			
Shipping Packer	31	0.14			
Tire Changer	74	0.34			
Truck Driver	52	0.24			

1983-91 Growth Rate . . . 44.70%

1984 New Hire Rate . . . 103.31%

1991 Proj. Employment . . . 1,787



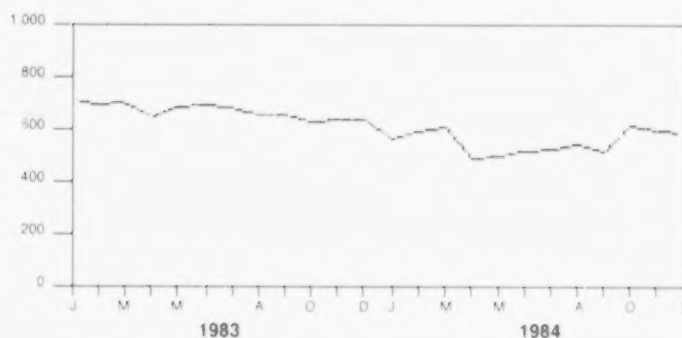
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,800	1,718	1,607	1,399	1,235	1,469
Number of Firms	127	123	117	104	97	105
Average Weekly Earnings	\$131.48	\$143.91	\$157.67	\$168.11	\$170.62	\$183.41

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	192	15.51 **	CLERICAL WORKERS	134	10.82 **
Buyer, Wholesale/Retail Trade	14	1.13	Bookkeeper	11	0.89
Manager, Merchandise	14	1.13	Cashier	29	2.34
Manager, Store	144	11.63 **	General Clerk	12	0.97
Sales Clerk Supervisor	10	0.81	Stock Clerk, Storeroom & Warehouse	32	2.58
SALES WORKERS	802	64.78 *****	CRAFT WORKERS & SUPERVISORS ..	11	0.89
Sales Clerk	770	62.20 *****	SERVICE WORKERS	69	5.57 *
Sales Representative	32	2.58	Counter Attendant, Cafeteria	13	1.05
			Waiter or Waitress	30	2.42
			LABORERS EXCEPT FARM	24	1.94
			Stock Clerk, Sales Floor	24	1.94

1983-91 Growth Rate . . . 36.64%

1984 New Hire Rate . . . 112.65%

1991 Proj. Employment . . . 910



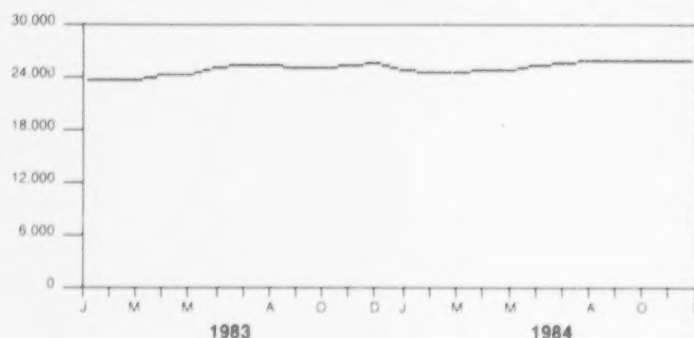
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	917	845	812	710	661	551
Number of Firms	118	112	113	107	98	85
Average Weekly Earnings	\$126.74	\$131.51	\$138.84	\$147.64	\$146.60	\$152.78

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	93	13.90 **	CLERICAL WORKERS (cont.)		
Buyer, Wholesale/Retail Trade	18	2.69	General Clerk	21	3.14
Manager, Store	64	9.57 *	Stock Clerk, Storeroom & Warehouse	15	2.24
SALES WORKERS	370	55.31 *****	CRAFT WORKERS & SUPERVISORS ..	13	1.94
Sales Clerk	351	52.47 *****	Automotive Mechanic	10	1.49
Sales Representative	19	2.84	SERVICE WORKERS	17	2.54
CLERICAL WORKERS	143	21.38 ***	Janitor/Porter/Cleaner	16	2.39
Bookkeeper	22	3.29	LABORERS EXCEPT FARM	24	3.59
Cashier	73	10.91 **	Stock Clerk, Sales Floor	23	3.44

1983-91 Growth Rate . . . 17.21%

1984 New Hire Rate . . . 89.17%

1991 Proj. Employment . . . 28,497



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	21,169	22,131	24,344	23,792	24,255	24,819
Number of Firms	1,298	1,340	1,363	1,372	1,384	1,367
Average Weekly Earnings	\$210.34	\$226.66	\$240.62	\$251.76	\$256.12	\$257.13

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	92	0.38	CRAFT WORKERS & SUPERVISORS . .	464	1.91
Pharmacist	14	0.06	Baker	221	0.91
MANAGERS & OFFICERS	2,997	12.32 **	Baker Bread	35	0.14
Buyer, Wholesale/Retail Trade	166	0.68	Cake Decorator	83	0.34
Manager, Merchandise	22	0.09	Maintenance Repairer, Gen Utility	55	0.23
Manager, Store	2,380	9.79 *	Refrigeration Mechanic	17	0.07
Sales Clerk Supervisor	287	1.18	Supervisor, Nonworking Exc Service	34	0.14
SALES WORKERS	2,357	9.69 *	OPERATIVES	1,888	7.76 *
Sales Clerk	2,338	9.61 *	Butcher/Meat Cutter (Exc Manuf)	1,044	4.29
Sales Representative	19	0.08	Dairy Processing Equip Oper	24	0.10
CLERICAL WORKERS	10,261	42.20 *****	Delivery Driver & Route Worker	16	0.07
Accounting Clerk	167	0.69	Gas Station Attendant	100	0.41
Bookkeeper	287	1.18	Industrial Truck Operator	23	0.09
Bookkeeping & Billing Mach Oper	11	0.05	Production Packager	483	1.99
Cashier	8,834	36.33 *****	Shipping Packer	20	0.08
Clerical Supervisor	21	0.09	Truck Driver	172	0.71
General Clerk	171	0.70	SERVICE WORKERS	1,113	4.58
Marker	39	0.16	Bartender	28	0.12
Order Clerk	30	0.12	Cook, Restaurant	33	0.14
Secretary	75	0.31	Cook, Short Order	205	0.84
Shipping & Receiving Clerk	45	0.19	Counter Attendant, Cafeteria	158	0.65
Stock Clerk, Storeroom & Warehouse	501	2.06	Dining Room Attendant	12	0.05
Typist/Word Processor	30	0.12	Janitor/Porter/Cleaner	275	1.13

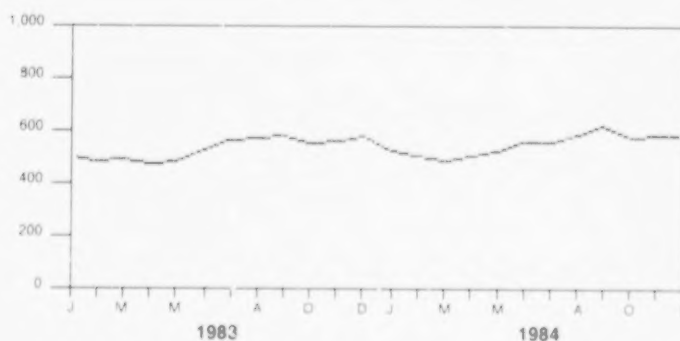
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
SERVICE WORKERS (cont.)			LABORERS EXCEPT FARM	5,145	21.16 ***
Kitchen Helper	113	0.46	Bagger	2,298	9.45 *
Pantry Work & Sandwich/Coffee Maker	18	0.07	Order Filler	129	0.53
Store Detective	26	0.11	Stock Clerk, Sales Floor	2,402	9.88 *
Waiter or Waitress	232	0.95			

1983-91 Growth Rate . . . 30.43%

1984 New Hire Rate . . . 143.37%

1991 Proj. Employment . . . 690



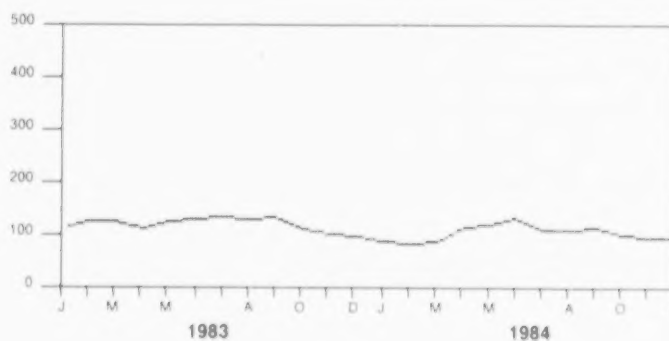
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	535	514	525	510	527	551
Number of Firms	129	117	115	106	103	105
Average Weekly Earnings	\$166.98	\$182.90	\$202.81	\$213.10	\$219.33	\$213.68

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	56	10.57 **	OPERATIVES	242	45.66 *****
Manager, Store	45	8.49 *	Butcher/Meat Cutter (Exc Manuf)	167	31.51 *****
SALES WORKERS	108	20.38 ***	Production Packager	63	11.89 **
Sales Clerk	105	19.81 **	SERVICE WORKERS	42	7.92 *
CLERICAL WORKERS	42	7.92 *	Janitor/Porter/Cleaner	15	2.83
Bookkeeper	14	2.64	Waiter or Waitress	19	3.58
Stock Clerk, Storeroom & Warehouse	13	2.45	LABORERS EXCEPT FARM	24	4.53
CRAFT WORKERS & SUPERVISORS ..	16	3.02			
Baker	12	2.26			

1983-91 Growth Rate ... 53.72%

1984 New Hire Rate ... 142.42%

1991 Proj. Employment ... 186



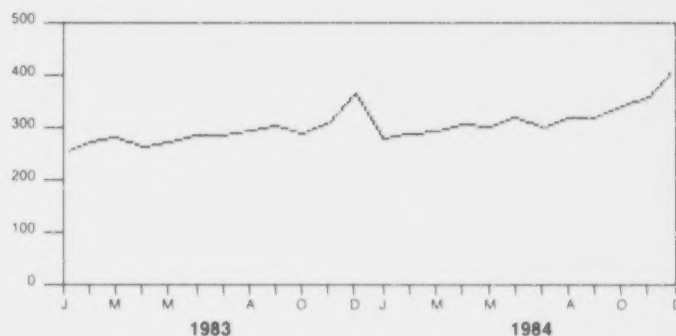
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	140	113	140	141	121	107
Number of Firms	31	26	32	30	24	22
Average Weekly Earnings	\$142.15	\$166.37	\$175.79	\$182.44	\$205.58	\$226.78

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	13	10.74 **	CLERICAL WORKERS	33	27.27 ***
Manager, Store	10	8.26 *	Cashier	19	15.70 **
SALES WORKERS	32	26.45 ***	LABORERS EXCEPT FARM	35	28.93 ***
Sales Clerk	32	26.45 ***	Stock Clerk, Sales Floor	33	27.27 ***

1983-91 Growth Rate . . . 32.75%

1984 New Hire Rate . . . 178.37%

1991 Proj. Employment . . . 381



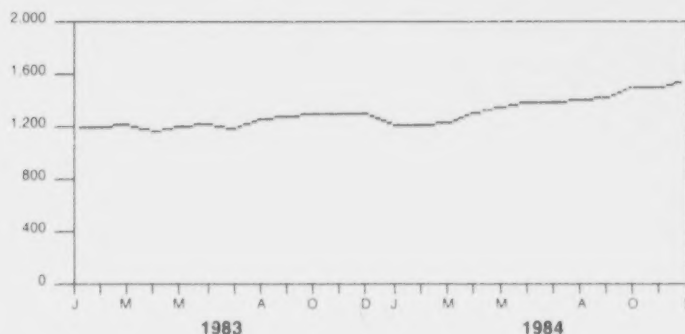
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	200	206	251	260	283	315
Number of Firms	43	41	52	59	64	65
Average Weekly Earnings	\$82.55	\$87.51	\$92.57	\$105.16	\$110.90	\$119.98

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	32	11.07 **	OPERATIVES	23	7.96 *
Manager, Store	26	9.00 *	Decorator, Bakery Products	12	4.15
SALES WORKERS	222	76.82 *****	Production Packager	10	3.46
Sales Clerk	199	68.86 *****			
Sales Representative	23	7.96 *			

1983-91 Growth Rate ... 10.16%

1984 New Hire Rate ... 189.55%

1991 Proj. Employment ... 1,355



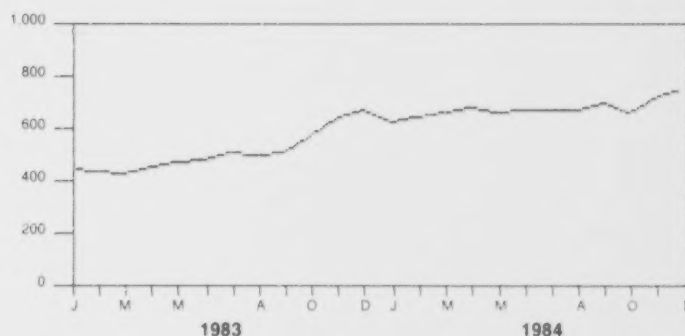
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	993	1,033	1,039	1,094	1,221	1,339
Number of Firms	137	141	146	155	158	165
Average Weekly Earnings	\$105.67	\$109.36	\$118.17	\$124.42	\$123.28	\$129.34

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	49	4.00	OPERATIVES	70	5.71 *
Manager, Store	49	4.00	Delivery Driver & Route Worker	15	1.22
SALES WORKERS	407	33.20 ****	Doughnut Maker & Mach Oper	54	4.40
Sales Clerk	378	30.83 ****	SERVICE WORKERS	383	31.24 ****
Sales Representative	29	2.37	Counter Attendant, Cafeteria	156	12.72 **
CLERICAL WORKERS	34	2.77	Fast Food Prep/Serv Worker	40	3.26
Bookkeeper	12	0.98	Janitor/Porter/Cleaner	20	1.63
Cashier	20	1.63	Kitchen Helper	94	7.67 *
CRAFT WORKERS & SUPERVISORS ..	254	20.72 ***	Waiter or Waitress	64	5.22 *
Baker Bread	222	18.11 **	LABORERS EXCEPT FARM	29	2.37
Cake Decorator	24	1.96	Stock Clerk, Sales Floor	29	2.37

1983-91 Growth Rate ... 22.57%

1984 New Hire Rate ... 173.29%

1991 Proj. Employment ... 630



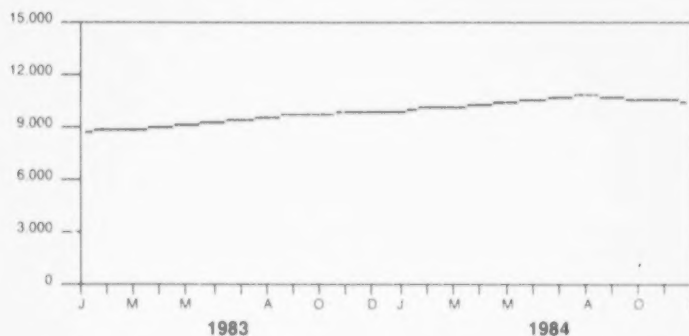
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	493	479	483	491	507	672
Number of Firms	102	99	97	95	92	106
Average Weekly Earnings	\$112.37	\$116.46	\$120.47	\$124.69	\$132.05	\$129.02

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	64	12.50 **	OPERATIVES	10	1.95
Buyer, Wholesale/Retail Trade	15	2.93	SERVICE WORKERS	71	13.87 **
Manager, Store	47	9.18 *	Cook, Short Order	13	2.54
SALES WORKERS	241	47.07 *****	Counter Attendant, Cafeteria	38	7.42 *
Sales Clerk	195	38.09 *****	Kitchen Helper	11	2.15
Sales Representative	46	8.98 *	LABORERS EXCEPT FARM	39	7.62 *
CLERICAL WORKERS	83	16.21 **	Stock Clerk, Sales Floor	37	7.23 *
Bookkeeper	13	2.54			
Cashier	63	12.30 **			

1983-91 Growth Rate ... 14.78%

1984 New Hire Rate ... 102.16%

1991 Proj. Employment ... 10,765



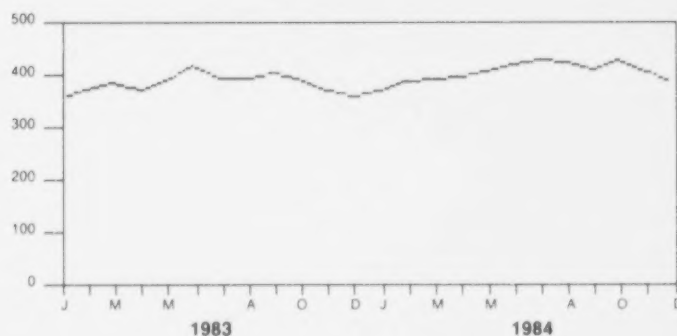
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	11,492	9,939	9,381	8,848	9,361	10,408
Number of Firms	395	385	370	349	337	337
Average Weekly Earnings	\$300.39	\$313.47	\$328.47	\$337.11	\$379.30	\$410.14

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	149	1.59	CLERICAL WORKERS (cont.)		
Accountant/Auditor	137	1.46	Stock Clerk, Storeroom & Warehouse	376	4.01
MANAGERS & OFFICERS	1,266	13.51 **	Switchboard Oper/Receptionist	30	0.32
Manager, Auto Service Dept	290	3.09	Typist/Word Processor	14	0.15
Manager, Parts Dept	229	2.44	CRAFT WORKERS & SUPERVISORS ..	2,651	28.28 ***
Manager, Store	389	4.15	Automobile Repair Service Estim	136	1.45
SALES WORKERS	2,585	27.58 ***	Automotive Mechanic	1,934	20.63 ***
Sales Clerk	191	2.04	Body Repairer, Automotive	355	3.79
Sales Representative	2,394	25.54 ***	Diesel Mechanic	38	0.41
CLERICAL WORKERS	1,648	17.58 **	Maintenance Repairer, Gen Utility	49	0.52
Accounting Clerk	147	1.57	Supervisor, Nonworking Exc Service ..	115	1.23
Bookkeeper	193	2.06	OPERATIVES	279	2.98
Cashier	211	2.25	Delivery Driver & Route Worker	55	0.59
Dispatcher Vehicle/Service Work	12	0.13	Gas Station Attendant	68	0.73
General Clerk	257	2.74	Painter, Automotive	121	1.29
Payroll &/or Timekeeping Clerk	29	0.31	SERVICE WORKERS	120	1.28
Secretary	73	0.78	Janitor/Porter/Cleaner	120	1.28
Service Clerk	212	2.26	LABORERS EXCEPT FARM	676	7.21 *
			Cleaner, Vehicle	443	4.73
			Helper, Trades	211	2.25

1983-91 Growth Rate . . . 9.82%

1984 New Hire Rate . . . 166.86%

1991 Proj. Employment . . . 425



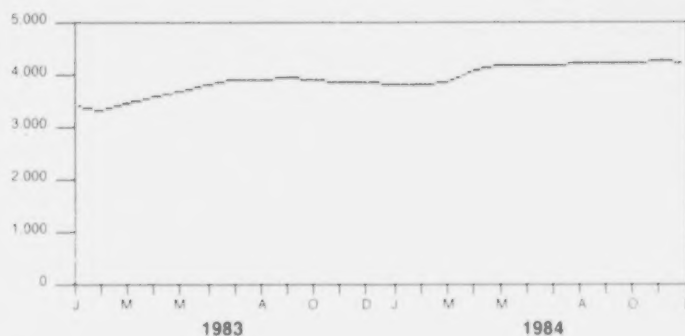
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	454	339	373	343	377	399
Number of Firms	165	143	135	123	124	132
Average Weekly Earnings	\$228.85	\$233.30	\$250.49	\$258.87	\$274.88	\$303.05

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	70	18.18 **	CRAFT WORKERS & SUPERVISORS ..	55	14.29 **
Manager, Store	63	16.36 **	Automotive Mechanic	40	10.39 **
SALES WORKERS	154	40.00 *****	Body Repairer, Automotive	11	2.86
Sales Representative	147	38.18 *****	OPERATIVES	14	3.64
CLERICAL WORKERS	44	11.43 **	Gas Station Attendant	14	3.64
Bookkeeper	24	6.23 *	LABORERS EXCEPT FARM	48	12.47 **
General Clerk	16	4.16	Cleaner, Vehicle	48	12.47 **

1983-91 Growth Rate . . . 12.53%

1984 New Hire Rate . . . 83.91%

1991 Proj. Employment . . . 4,158



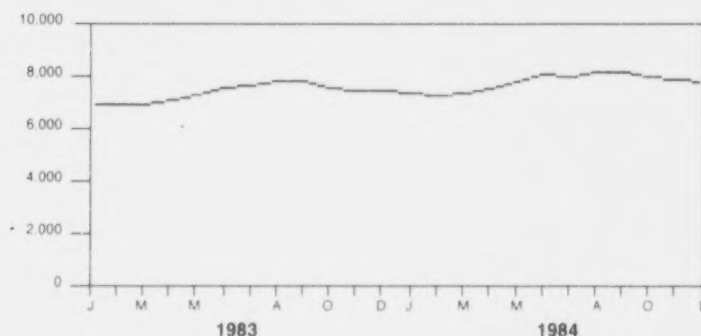
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	3,836	3,637	3,609	3,496	3,689	4,069
Number of Firms	525	516	513	498	500	516
Average Weekly Earnings	\$242.73	\$266.44	\$281.41	\$294.99	\$300.75	\$309.73

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	37	1.00	CLERICAL WORKERS (cont.)		
Accountant/Auditor	13	0.35	Secretary	44	1.19
Electrical/Electronic Tech	24	0.65	Service Clerk	36	0.97
MANAGERS & OFFICERS	542	14.67 **	Stock Clerk, Storeroom & Warehouse	190	5.14 *
Manager, Auto Service Dept	58	1.57	CRAFT WORKERS & SUPERVISORS	504	13.64 **
Manager, Parts Dept	31	0.84	Automotive Mechanic	329	8.91 *
Manager, Store	437	11.83 **	Machinist	44	1.19
SALES WORKERS	1,145	31.00 ****	Supervisor, Nonworking Exc Service	74	2.00
Sales Clerk	130	3.52	Upholsterer	24	0.65
Sales Representative	1,015	27.48 ***	OPERATIVES	742	20.09 ***
CLERICAL WORKERS	701	18.98 **	Assembler	25	0.68
Accounting Clerk	32	0.87	Delivery Driver & Route Worker	91	2.46
Bookkeeper	250	6.77 *	Gas Station Attendant	56	1.52
Cashier	41	1.11	Tire Changer	420	11.37 **
General Clerk	96	2.60	Tire Fabricator &/or Repair	124	3.36
			Truck Driver	23	0.62
			LABORERS EXCEPT FARM	19	0.51
			Helper, Trades	10	0.27

1983-91 Growth Rate . . . 11.73%

1984 New Hire Rate . . . 179.90%

1991 Proj. Employment . . . 8,211



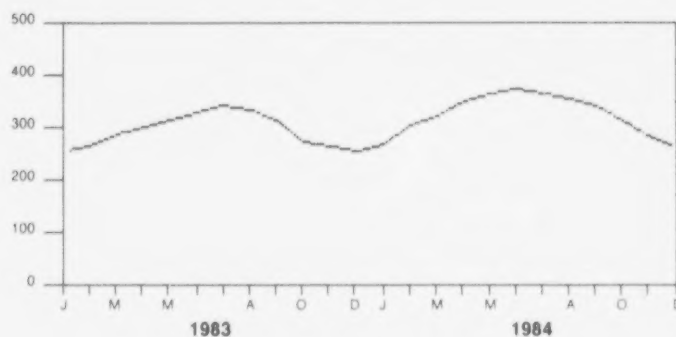
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	7,890	8,176	7,848	7,394	7,292	7,736
Number of Firms	1,540	1,458	1,359	1,244	1,144	1,084
Average Weekly Earnings	\$134.63	\$156.48	\$167.29	\$175.42	\$182.35	\$182.34

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	44	0.60	OPERATIVES	4,920	66.98 *****
Accountant/Auditor	20	0.27	Delivery Driver & Route Worker	19	0.26
MANAGERS & OFFICERS	621	8.45 *	Gager	20	0.27
Manager, Auto Service Dept	14	0.19	Gas Station Attendant	4 526	61.61 *****
Manager, Store	562	7.65 *	Still Operator	21	0.29
SALES WORKERS	63	0.86	Tire Changer	62	0.84
Sales Clerk	36	0.49	Truck Driver	258	3.51
Sales Representative	27	0.37	SERVICE WORKERS	215	2.93
CLERICAL WORKERS	463	6.30 *	Cook, Short Order	64	0.87
Accounting Clerk	37	0.50	Janitor/Porter/Cleaner	24	0.33
Bookkeeper	109	1.48	Kitchen Helper	46	0.63
Cashier	155	2.11	Waiter or Waitress	81	1.10
General Clerk	45	0.61	LABORERS EXCEPT FARM	94	1.28
Secretary	20	0.27	Helper, Trades	54	0.74
Stock Clerk, Storeroom & Warehouse	53	0.72	Order Filler	22	0.30
CRAFT WORKERS & SUPERVISORS	926	12.61 **			
Automotive Mechanic	845	11.50 **			
Diesel Mechanic	25	0.34			
Maintenance Mechanic	12	0.16			
Supervisor, Nonworking Exc Service	39	0.53			

1983-91 Growth Rate ... 12.79%

1984 New Hire Rate ... 111.26%

1991 Proj. Employment ... 335



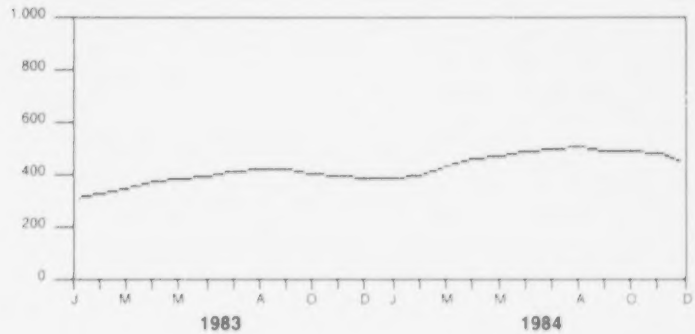
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	415	327	293	283	291	322
Number of Firms	76	69	67	60	59	62
Average Weekly Earnings	\$241.57	\$258.26	\$258.27	\$284.10	\$282.11	\$289.40

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	46	15.54 **	CRAFT WORKERS & SUPERVISORS ..	97	32.77 ****
Manager, Store	36	12.16 **	Marine Mechanic	26	8.78 *
SALES WORKERS	68	22.97 ***	Motorboat Mechanic	64	21.62 ***
Sales Representative	64	21.62 ***	LABORERS EXCEPT FARM	22	7.43 *
CLERICAL WORKERS	44	14.86 **	Cleaner, Vehicle	10	3.38
Bookkeeper	22	7.43 *	Helper, Trades	12	4.05
General Clerk	10	3.38			

1983-91 Growth Rate 77%

1984 New Hire Rate 115.69%

1991 Proj. Employment 391



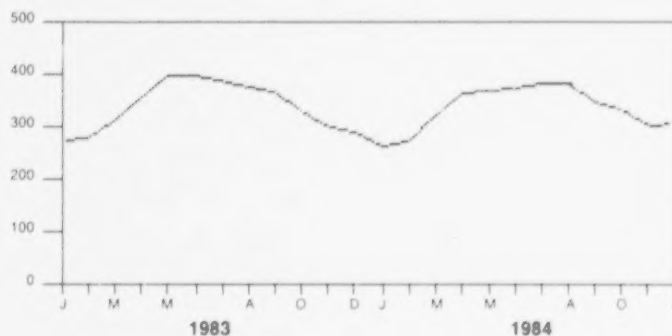
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	575	355	341	351	384	461
Number of Firms	89	76	64	60	63	67
Average Weekly Earnings	\$248.99	\$267.95	\$285.13	\$307.76	\$340.68	\$328.06

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	52	13.51 **	CRAFT WORKERS & SUPERVISORS ..	122	31.69 ****
Manager, Store	39	10.13 **	Automotive Mechanic	16	4.16
SALES WORKERS	106	27.53 ***	Mobile Home Repairer	94	24.42 ***
Sales Representative	106	27.53 ***	LABORERS EXCEPT FARM	38	9.87 *
CLERICAL WORKERS	60	15.58 **	Cleaner, Vehicle	25	6.49 *
Bookkeeper	26	6.75 *			
General Clerk	18	4.68			

1983-91 Growth Rate ... 88.86%

1984 New Hire Rate ... 100.67%

1991 Proj. Employment ... 644



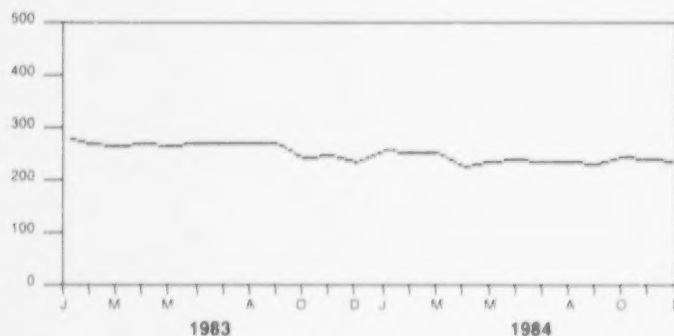
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	588	579	557	333	332	327
Number of Firms	88	88	83	77	72	63
Average Weekly Earnings	\$247.30	\$255.52	\$268.17	\$221.63	\$246.80	\$250.94

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	58	16.86 **	CLERICAL WORKERS	68	19.77 **
Manager, Auto Service Dept	12	3.49	Bookkeeper	24	6.98 *
Manager, Store	41	11.92 **	Stock Clerk, Storeroom & Warehouse	29	8.43 *
SALES WORKERS	98	28.49 ***	CRAFT WORKERS & SUPERVISORS ..	97	28.20 ***
Sales Representative	92	26.74 ***	Automotive Mechanic	94	27.33 ***
			LABORERS EXCEPT FARM	22	6.40 *
			Helper, Trades	13	3.78

1983-91 Growth Rate . . . 70.11%

1984 New Hire Rate . . . 28.95%

1991 Proj. Employment . . . 444



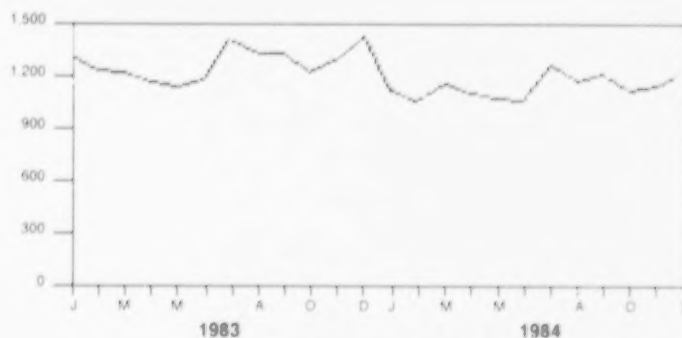
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	408	437	389	321	259	234
Number of Firms	36	34	31	25	19	15
Average Weekly Earnings	\$261.48	\$288.94	\$315.27	\$313.26	\$317.46	\$359.76

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	32	11.90 **	CLERICAL WORKERS	51	18.96 **
Airplane Pilot	29	10.78 **	General Clerk	12	4.46
MANAGERS & OFFICERS	34	12.64 **	CRAFT WORKERS & SUPERVISORS . .	107	39.78 ****
Manager, Store	17	6.32 *	Aircraft Mechanic	85	31.60 ****
SALES WORKERS	19	7.06 *	OPERATIVES	13	4.83
Sales Representative	19	7.06 *	Gas Station Attendant	12	4.46

1983-91 Growth Rate ... 28.39%

1984 New Hire Rate ... 91.52%

1991 Proj. Employment ... 1,637



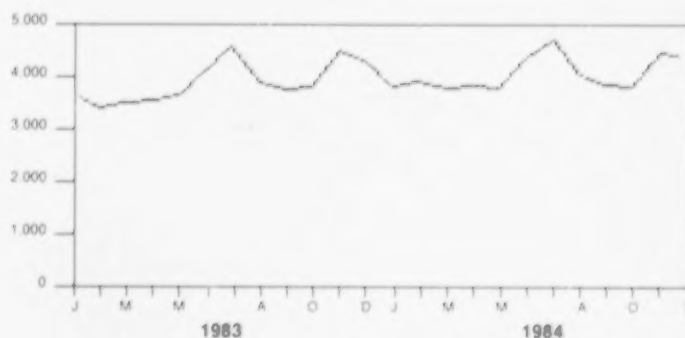
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,484	1,477	1,449	1,286	1,268	1,133
Number of Firms	159	159	148	138	128	123
Average Weekly Earnings	\$176.53	\$180.80	\$179.69	\$189.26	\$178.88	\$190.10

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	276	21.56 ***	CRAFT WORKERS & SUPERVISORS ..	97	7.58 *
Buyer, Wholesale/Retail Trade	29	2.27	Alteration Tailor	82	6.41 *
Manager, Merchandise	17	1.33	Merchandise Displayer/Window Trim ..	11	0.86
Manager, Store	212	16.56 **	SERVICE WORKERS	19	1.48
SALES WORKERS	772	60.31 *****	LABORERS EXCEPT FARM	16	1.25
Sales Clerk	289	22.58 ***	Stock Clerk, Sales Floor	14	1.09
Sales Representative	483	37.73 ****			
CLERICAL WORKERS	91	7.11 *			
Bookkeeper	38	2.97			
Cashier	10	0.78			
General Clerk	17	1.33			

1983-91 Growth Rate . . . 25.62%

1984 New Hire Rate . . . 75.65%

1991 Proj. Employment . . . 4,903



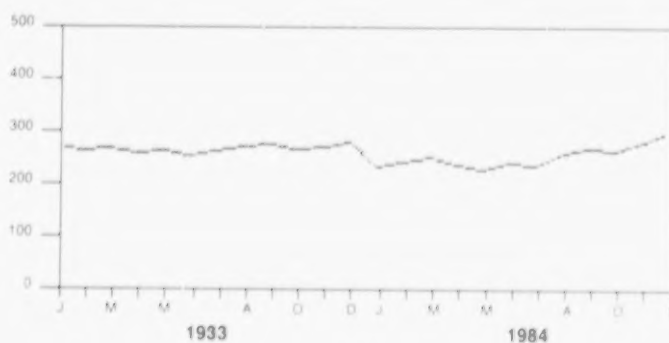
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,249	4,264	4,310	3,766	3,885	4,000
Number of Firms	400	408	405	378	356	339
Average Weekly Earnings	\$127.13	\$143.14	\$159.44	\$173.25	\$184.30	\$195.21

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	12	0.31	CLERICAL WORKERS (cont.)		
Personnel & Labor Relations Spec . . .	10	0.26	Shipping & Receiving Clerk	48	1.23
MANAGERS & OFFICERS	564	14.44 **	Stock Clerk, Storeroom & Warehouse . . .	43	1.10
Buyer, Wholesale/Retail Trade	79	2.02	Switchboard Oper	18	0.46
Manager, Merchandise	19	0.49	CRAFT WORKERS & SUPERVISORS . . .	158	4.05
Manager, Store	446	11.42 **	Alteration Tailor	112	2.87
SALES WORKERS	2,411	61.73 *****	Merchandise Displayer/Window Trim . . .	33	0.84
Sales Clerk	738	18.89 **	OPERATIVES	76	1.95
Sales Representative	1,672	42.81 *****	Shipping Packer	69	1.77
CLERICAL WORKERS	427	10.93 **	SERVICE WORKERS	117	3.00
Accounting Clerk	25	0.64	Janitor/Porter/Cleaner	61	1.56
Adjustment Clerk	15	0.38	Pantry Work & Sandwich/Coffee Maker . . .	13	0.33
Bookkeeper	39	1.00	Store Detective	14	0.36
Cashier	137	3.51	LABORERS EXCEPT FARM	141	3.61
General Clerk	64	1.64	Stock Clerk, Sales Floor	141	3.61

1983-91 Growth Rate . . . 40.15%

1984 New Hire Rate . . . 134.03%

1991 Proj. Employment . . . 377



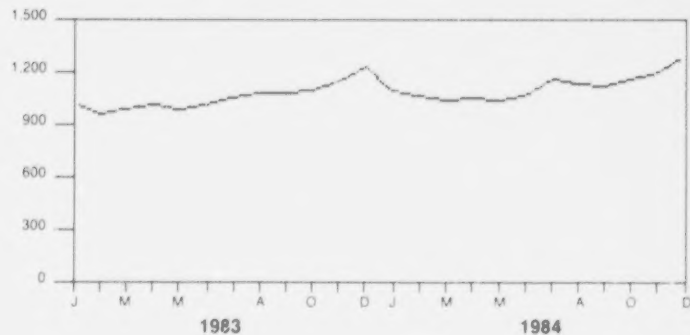
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	328	343	330	298	266	255
Number of Firms	48	53	54	53	48	44
Average Weekly Earnings	\$95.42	\$105.03	\$112.89	\$121.10	\$125.89	\$138.36

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	42	15.56 **	SALES WORKERS	203	75.19 *****
Manager, Store	36	13.33 **	Sales Clerk	109	40.37 *****
			Sales Representative	94	34.81 *****
			CLERICAL WORKERS	18	6.67 *

1983-91 Growth Rate . . . 59.81%

1984 New Hire Rate . . . 315.13%

1991 Proj. Employment . . . 1,670



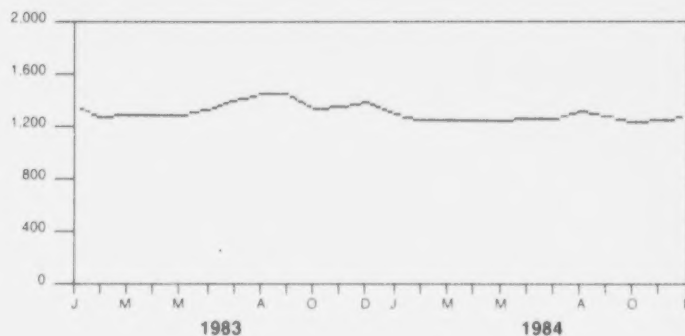
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	847	846	887	1,053	1,042	1,106
Number of Firms	98	106	105	108	111	115
Average Weekly Earnings	\$113.00	\$127.33	\$140.22	\$145.94	\$151.19	\$152.46

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	188	18.02 **	CLERICAL WORKERS	92	8.82 *
Buyer, Wholesale/Retail Trade	29	2.78	Bookkeeper	53	5.08 *
Manager, Store	150	14.38 **	General Clerk	11	1.05
SALES WORKERS	740	70.95 *****	Stock Clerk, Storeroom & Warehouse	10	0.96
Sales Clerk	426	40.84 *****			
Sales Representative	314	30.11 *****			

1983-91 Growth Rate . . . 20.39%

1984 New Hire Rate . . . 177.25%

1991 Proj. Employment . . . 1,618



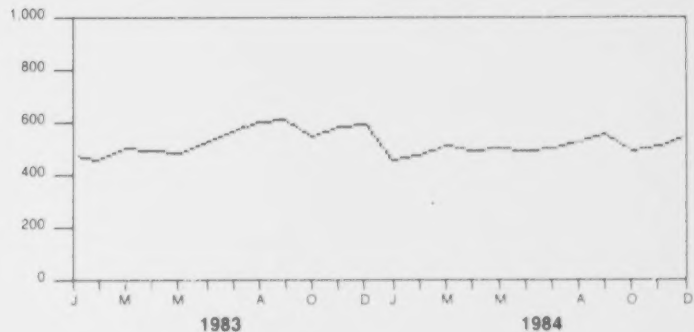
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,359	1,378	1,460	1,317	1,341	1,281
Number of Firms	189	200	224	217	207	203
Average Weekly Earnings	\$145.94	\$152.76	\$160.14	\$166.83	\$168.33	\$178.20

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	270	20.01 ***	CLERICAL WORKERS	85	6.30 *
Buyer, Wholesale/Retail Trade	12	0.89	Bookkeeper	38	2.82
Manager, Merchandise	11	0.82	Cashier	21	1.56
Manager, Store	245	18.16 **	LABORERS EXCEPT FARM	61	4.52
SALES WORKERS	914	67.75 *****	Stock Clerk, Sales Floor	61	4.52
Sales Clerk	366	27.13 ***			
Sales Representative	548	40.62 *****			

1983-91 Growth Rate ... -2.03%

1984 New Hire Rate ... 113.35%

1991 Proj. Employment ... 531



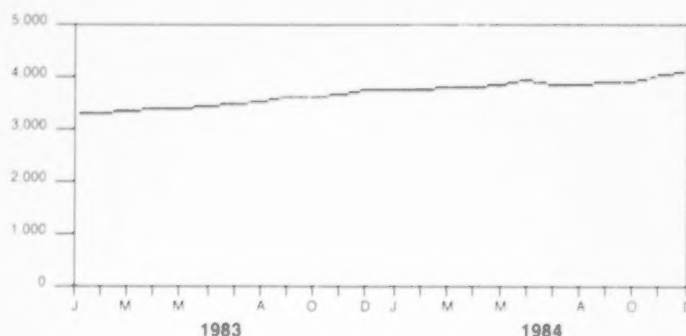
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	274	336	465	494	538	508
Number of Firms	71	80	95	94	95	106
Average Weekly Earnings	\$114.42	\$122.47	\$127.24	\$137.28	\$141.53	\$144.62

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	113	20.85 ***	SALES WORKERS	381	70.30 *****
Buyer, Wholesale/Retail Trade	15	2.77	Sales Clerk	245	45.20 *****
Manager, Store	96	17.71 **	Sales Representative	136	25.09 ***
			CLERICAL WORKERS	21	3.87
			OPERATIVES	18	3.32
			Sewing Mach (Spec) Oper, Garment ..	14	2.58

1983-91 Growth Rate . . . 45.76%

1984 New Hire Rate . . . 116.75%

1991 Proj. Employment . . . 5,106



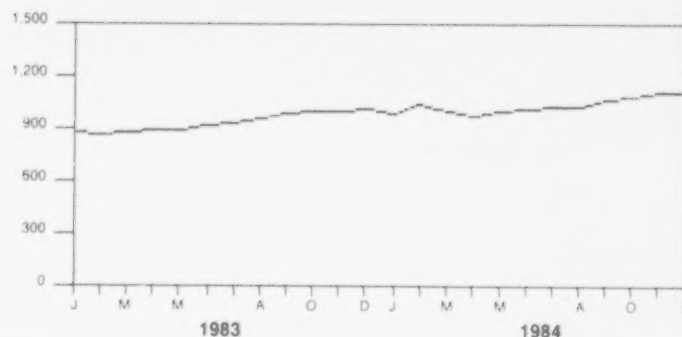
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,736	4,463	4,175	3,379	3,467	3,856
Number of Firms	736	719	710	661	635	631
Average Weekly Earnings	\$228.57	\$246.42	\$243.80	\$240.38	\$250.98	\$258.86

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	108	3.08	CRAFT WORKERS & SUPERVISORS . .	393	11.23 **
Designer	103	2.94	Cabinet Maker	61	1.74
MANAGERS & OFFICERS	539	15.40 **	Carpet Cutter &/or Layer	169	4.83
Buyer, Wholesale/Retail Trade	59	1.69	Ceiling Tile &/or Floorlayer	59	1.69
Manager, Merchandise	45	1.29	Furniture Finisher	36	1.03
Manager, Store	415	11.85 **	Household Appliance Repairer	15	0.43
SALES WORKERS	1,242	35.48 ****	Picture Framer	13	0.37
Sales Clerk	181	5.17 *	OPERATIVES	486	13.88 **
Sales Representative	1,061	30.31 ****	Assembler	16	0.46
CLERICAL WORKERS	628	17.94 **	Delivery Driver & Route Worker	221	6.31 *
Accounting Clerk	42	1.20	Furniture Assembler & Installer	70	2.00
Bookkeeper	164	4.68	Machinist, Wood	19	0.54
Cashier	23	0.66	Sewing Mach (Reg) Oper, Nongarment	35	1.00
Clerical Supervisor	11	0.31	Sewing Mach (Spec) Oper, Nongarment	35	1.00
Collector	12	0.34	Shipping Packer	19	0.54
General Clerk	174	4.97	Truck Driver	60	1.71
Secretary	15	0.43	SERVICE WORKERS	37	1.06
Shipping & Receiving Clerk	31	0.89	Janitor/Porter/Cleaner	37	1.06
Stock Clerk, Storeroom & Warehouse	122	3.48	LABORERS EXCEPT FARM	68	1.94
			Stock Clerk, Sales Floor	36	1.03

1983-91 Growth Rate ... 39.13%

1984 New Hire Rate ... 128.51%

1991 Proj. Employment ... 1,305



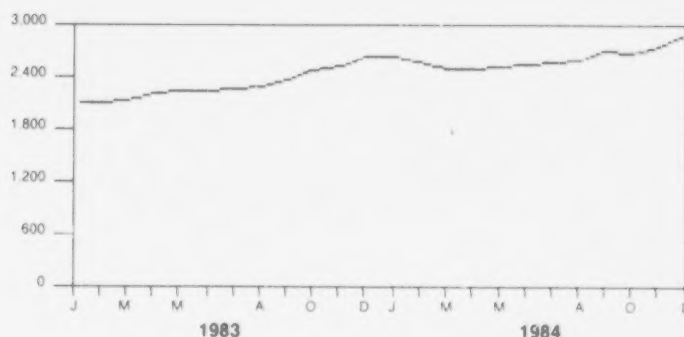
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,373	1,171	1,066	931	935	1,035
Number of Firms	210	203	199	180	170	169
Average Weekly Earnings	\$201.89	\$223.38	\$228.49	\$225.03	\$239.49	\$268.06

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	123	13.07 **	CRAFT WORKERS & SUPERVISORS ..	190	20.19 ***
Manager, Store	97	10.31 **	Household Appliance Repairer	112	11.90 **
SALES WORKERS	429	45.59 *****	Household Appliance Installer	32	3.40
Sales Clerk	32	3.40	Refrigeration Mechanic	12	1.28
Sales Representative	381	40.49 *****	Sewing Machine Mechanic	10	1.06
CLERICAL WORKERS	148	15.73 **	TV/Radio/Tape Deck Repairer	18	1.91
Accounting Clerk	26	2.76	OPERATIVES	35	3.72
Bookkeeper	37	3.93	Delivery Driver & Route Worker	23	2.44
General Clerk	44	4.68	LABORERS EXCEPT FARM	12	1.28
Stock Clerk, Storeroom & Warehouse	11	1.17	Stock Clerk, Sales Floor	12	1.28

1983-91 Growth Rate ... -3.31%

1984 New Hire Rate ... 117.87%

1991 Proj. Employment ... 2,217



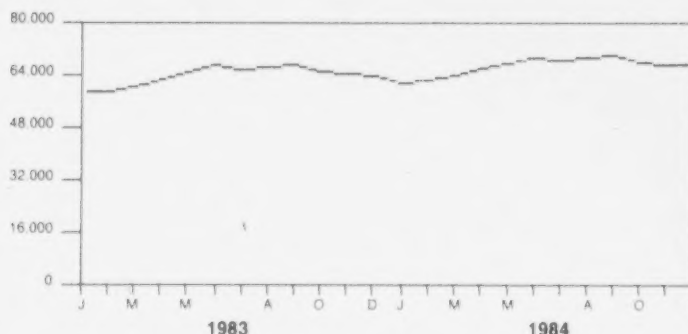
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,920	1,788	1,818	1,853	2,278	2,613
Number of Firms	327	326	332	334	357	419
Average Weekly Earnings	\$198.37	\$211.30	\$214.22	\$214.29	\$218.79	\$237.04

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	40	1.74	CLERICAL WORKERS (cont.)		
Teacher, Adult Education	13	0.57	Shipping & Receiving Clerk	20	0.87
MANAGERS & OFFICERS	424	18.47 **	Stock Clerk, Storeroom & Warehouse	26	1.13
Buyer, Wholesale/Retail Trade	25	1.09	CRAFT WORKERS & SUPERVISORS ..	251	10.94 **
Manager, Merchandise	25	1.09	Household Appliance Repairer	24	1.05
Manager, Store	368	16.03 **	Household Appliance Installer	13	0.57
SALES WORKERS	1,103	48.06 *****	Musical Instrument Repairer	57	2.48
Sales Clerk	270	11.76 **	TV/Radio/Tape Deck Repairer	143	6.23 *
Sales Representative	833	36.30 ****	OPERATIVES	78	3.40
CLERICAL WORKERS	358	15.60 **	Assembler	36	1.57
Accounting Clerk	34	1.48	Delivery Driver & Route Worker	18	0.78
Bookkeeper	98	4.27	Truck Driver	17	0.74
Cashier	79	3.44	SERVICE WORKERS	15	0.65
General Clerk	53	2.31	Janitor/Porter/Cleaner	11	0.48
Secretary	31	1.35	LABORERS EXCEPT FARM	26	1.13
			Stock Clerk, Sales Floor	26	1.13

1983-91 Growth Rate . . . 16.30%

1984 New Hire Rate . . . 173.29%

1991 Proj. Employment . . . 76,000



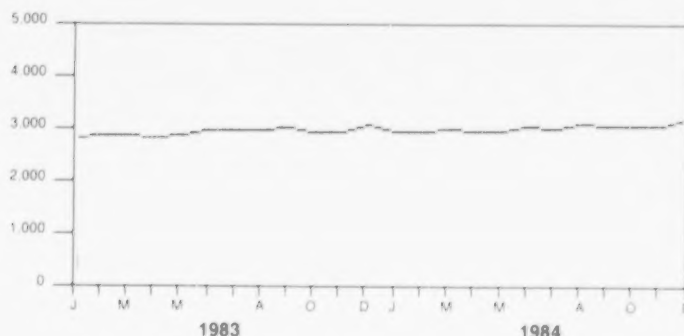
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	67,280	67,340	67,636	64,166	65,132	67,568
Number of Firms	4,365	4,403	4,486	4,429	4,435	4,420
Average Weekly Earnings	\$91.18	\$99.12	\$107.11	\$111.18	\$114.29	\$116.68

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	156	0.24	CRAFT WORKERS & SUPERVISORS . .	1074	1.64
Dietitian/Nutritionist	23	0.04	Baker Bread	353	0.54
Musician, Instrumental	61	0.09	Maintenance Repairer, Gen Utility	292	0.45
Personnel & Labor Relations Spec	12	0.02	Supervisor, Nonworking Service	419	0.64
MANAGERS & OFFICERS	4,768	7.30 *	OPERATIVES	463	0.71
Director, Food & Beverage	286	0.44	Delivery Driver & Route Worker	418	0.64
Manager, Merchandise	23	0.04	Dividing/Dough-Brake Mach Oper	18	0.03
Manager, Restaurant	4,092	6.26 *	Truck Driver	27	0.04
Manager, Store	134	0.21	SERVICE WORKERS	55,943	85.60 *****
SALES WORKERS	777	1.19	Bartender	5,848	8.95 *
Sales Clerk	751	1.15	Cook, Institutional	12	0.02
Sales Representative	26	0.04	Cook, Restaurant	4,315	6.60 *
CLERICAL WORKERS	2,162	3.31	Cook, Short Order	4,882	7.47 *
Accounting Clerk	183	0.28	Counter Attendant, Cafeteria	2,298	3.52
Adjustment Clerk	11	0.02	Dining Room Attendant	1,769	2.71
Bookkeeper	551	0.84	Fast Food Prep/Serv Worker	12,479	19.09 **
Cashier	1,104	1.69	Food Service Worker	38	0.06
Collector	20	0.03	Guard/Doorkeeper	137	0.21
General Clerk	108	0.17	Host/Hostess	1,204	1.84
Key Punch/Data Entry Oper	24	0.04	Janitor/Porter/Cleaner	614	0.94
Secretary	56	0.09	Kitchen Helper	6,453	9.87 *
Stock Clerk, Storeroom & Warehouse	-51	0.08	Pantry Work & Sandwich/Coffee Maker	675	1.03
			Waiter or Waitress	15,219	23.29 ***
			LABORERS EXCEPT FARM	13	0.02

1983-91 Growth Rate . . . 7.20%

1984 New Hire Rate . . . 67.84%

1991 Proj. Employment . . . 3,200



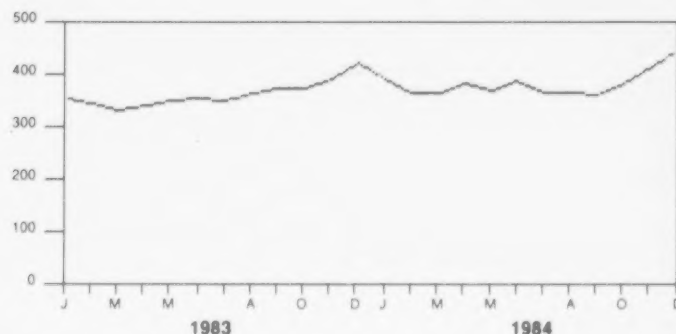
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	3,297	3,189	3,120	2,993	2,975	3,040
Number of Firms	386	380	378	370	368	363
Average Weekly Earnings	\$150.70	\$164.15	\$174.92	\$181.79	\$191.22	\$200.23

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	664	22.25 ***	CLERICAL WORKERS (cont.)		
Pharmacist	654	21.92 ***	Order Clerk	25	0.84
MANAGERS & OFFICERS	251	8.41 *	Secretary	24	0.80
Buyer, Wholesale/Retail Trade	29	0.97	Stock Clerk, Storeroom & Warehouse	12	0.40
Manager, Merchandise	15	0.50	OPERATIVES	48	1.61
Manager, Store	203	6.80 *	Delivery Driver & Route Worker	37	1.24
SALES WORKERS	1,432	47.99 *****	Shipping Packer	11	0.37
Sales Clerk	1,394	46.72 *****	SERVICE WORKERS	106	3.55
Sales Representative	38	1.27	Counter Attendant, Cafeteria	72	2.41
CLERICAL WORKERS	436	14.61 **	Janitor/Porter/Cleaner	24	0.80
Accounting Clerk	31	1.04	LABORERS EXCEPT FARM	45	1.51
Bookkeeper	162	5.43 *	Order Filler	21	0.70
Bookkeeping & Billing Mach Oper	11	0.37	Stock Clerk, Sales Floor	24	0.80
Cashier	117	3.92			
General Clerk	35	1.17			

1983-91 Growth Rate . . . 64.13%

1984 New Hire Rate . . . 130.82%

1991 Proj. Employment . . . 604



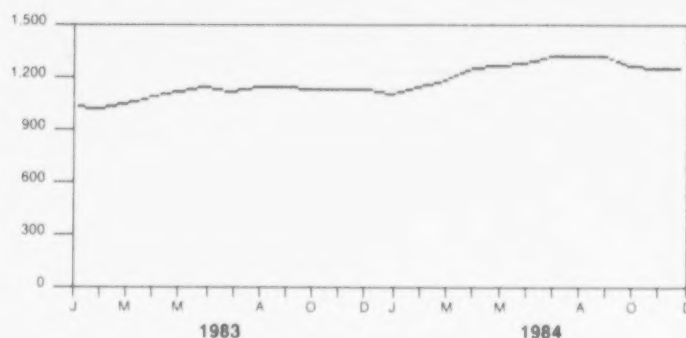
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	337	350	364	374	363	383
Number of Firms	115	125	136	141	145	152
Average Weekly Earnings	\$104.30	\$98.06	\$103.69	\$110.21	\$111.69	\$114.93

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
SALES WORKERS	330	89.92 *****	CLERICAL WORKERS	13	3.54
Sales Clerk	298	81.20 *****	LABORERS EXCEPT FARM	17	4.63
Sales Representative	32	8.72 *	Stock Clerk, Sales Floor	17	4.63

1983-91 Growth Rate . . . 19.00%

1984 New Hire Rate . . . 136.19%

1991 Proj. Employment . . . 1,315



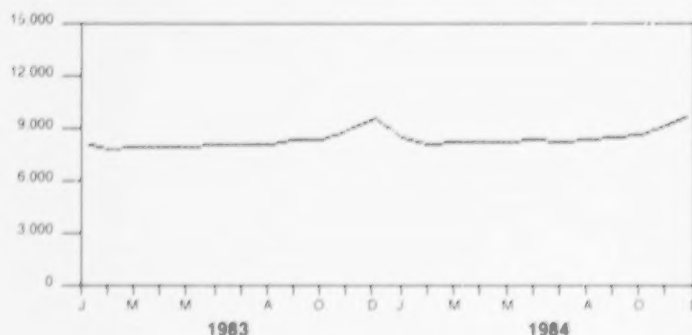
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	956	936	941	1,004	1,097	1,238
Number of Firms	234	240	241	241	250	275
Average Weekly Earnings	\$157.98	\$177.25	\$189.18	\$198.64	\$204.28	\$209.41

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	124	11.23 **	CRAFT WORKERS & SUPERVISORS ..	72	6.52 *
Manager, Store	112	10.14 **	Automotive Mechanic	44	3.99
SALES WORKERS	308	27.90 ***	Body Repairer, Automotive	11	1.00
Sales Clerk	97	8.79 *	OPERATIVES	312	28.26 ***
Sales Representative	171	15.49 **	Delivery Driver & Route Worker	26	2.36
CLERICAL WORKERS	194	17.57 **	Truck Driver	35	3.17
Accounting Clerk	13	1.18	SERVICE WORKERS	37	3.35
Bookkeeper	26	2.36	Janitor/Porter/Cleaner	12	1.09
Cashier	36	3.26	Waiter or Waitress	14	1.27
General Clerk	24	2.17	LABORERS EXCEPT FARM	57	5.16 *
Stock Clerk, Storeroom & Warehouse	79	7.16 *	Stock Clerk, Sales Floor	26	2.36

1983-91 Growth Rate . . . 39.43%

1984 New Hire Rate . . . 111.05%

1991 Proj. Employment . . . 11,251



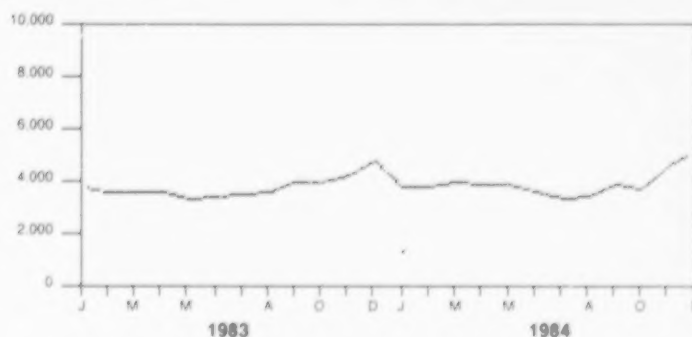
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	7,421	7,757	8,107	7,824	8,037	8,315
Number of Firms	1,182	1,221	1,235	1,182	1,177	1,230
Average Weekly Earnings	\$143.12	\$156.20	\$166.08	\$172.02	\$176.26	\$182.47

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	113	1.40	CLERICAL WORKERS (cont.)		
Commercial Artist	13	0.16	Secretary	38	0.47
Designer	17	0.21	Shipping & Receiving Clerk	102	1.26
Pharmacist	24	0.30	Stock Clerk, Storeroom & Warehouse	85	1.05
Teacher, Adult Education	30	0.37	CRAFT WORKERS & SUPERVISORS	310	3.84
MANAGERS & OFFICERS	1,251	15.51 **	Automotive Mechanic	21	0.26
Buyer, Wholesale/Retail Trade	140	1.74	Bicycle Repairer	77	0.95
Manager, Merchandise	50	0.62	Jeweler &/or Silversmith	100	1.24
Manager, Store	1,005	12.46 **	Maintenance Repairer, Gen Utility	13	0.16
SALES WORKERS	4,886	60.58 *****	Offset Lithographic Press Oper	16	0.20
Sales Clerk	1,869	23.17 ***	Watchmaker	40	0.50
Sales Representative	3,004	37.24 ****	OPERATIVES	148	1.83
Vendor	11	0.14	Delivery Driver & Route Worker	47	0.58
CLERICAL WORKERS	1,087	13.48 **	Industrial Truck Operator	28	0.35
Accounting Clerk	83	1.03	Truck Driver	24	0.30
Bookkeeper	216	2.68	SERVICE WORKERS	84	1.04
Bookkeeping & Billing Mach Oper	28	0.35	Janitor/Porter/Cleaner	35	0.43
Cashier	373	4.62	Store Detective	10	0.12
General Clerk	79	0.98	Waiter or Waitress	11	0.14
Order Clerk	37	0.46	LABORERS EXCEPT FARM	187	2.32
			Order Filler	47	0.58
			Stock Clerk, Sales Floor	119	1.48

1983-91 Growth Rate ... 37.21%

1984 New Hire Rate ... 166.32%

1991 Proj. Employment ... 5,081



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,385	4,278	4,302	3,749	3,693	3,833
Number of Firms	246	251	251	248	241	231
Average Weekly Earnings	\$205.17	\$228.68	\$245.93	\$254.60	\$256.81	\$263.65

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	123	3.32	CLERICAL WORKERS (cont.)		
Accountant/Auditor	11	0.30	Secretary	51	1.38
Agricultural Scientist	15	0.41	Shipping & Receiving Clerk	45	1.22
Commercial Artist	16	0.43	Stock Clerk, Storeroom & Warehouse	59	1.59
Computer Programmer	26	0.70	Typist/Word Processor	50	1.35
Pharmacist	23	0.62	CRAFT WORKERS & SUPERVISORS ..	438	11.84 **
MANAGERS & OFFICERS	399	10.78 **	Automotive Mechanic	62	1.68
Buyer, Wholesale/Retail Trade	49	1.32	Coin Machine Servicer	212	5.73 *
Manager, Merchandise	11	0.30	Maintenance Repairer, Gen Utility	25	0.68
Manager, Restaurant	22	0.59	Offset Lithographic Press Oper	15	0.41
Manager, Store	208	5.62 *	Supervisor, Nonworking Exc Service ..	83	2.24
SALES WORKERS	383	10.35 **	Supervisor, Nonworking Service	10	0.27
Sales Clerk	126	3.41	OPERATIVES	386	10.43 **
Sales Representative	215	5.81 *	Delivery Driver & Route Worker	341	9.22 *
CLERICAL WORKERS	1,041	28.14 ***	Industrial Truck Operator	10	0.27
Accounting Clerk	90	2.43	Shipping Packer	21	0.57
Adjustment Clerk	52	1.41	Truck Driver	12	0.32
Bookkeeper	56	1.51	SERVICE WORKERS	385	10.41 **
Cashier	18	0.49	Cook, Institutional	45	1.22
Computer Operator	15	0.41	Cook, Short Order	10	0.27
File Clerk	18	0.49	Counter Attendant, Cafeteria	10	0.27
General Clerk	140	3.78	Dining Room Attendant	35	0.95
Key Punch/Data Entry Oper	34	0.92	Fast Food Prep/Serv Worker	106	2.86
Order Clerk	310	8.38 *	Guard/Doorkeeper	11	0.30
Payroll &/or Timekeeping Clerk	14	0.38	Janitor/Porter/Cleaner	30	0.81

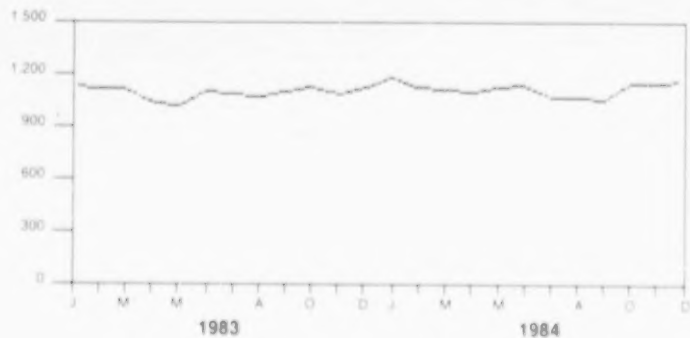
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
SERVICE WORKERS (cont.)			LABORERS EXCEPT FARM	523	14.14 **
Kitchen Helper	66	1.78	Gardener/Groundskeeper	14	0.38
Pantry Work & Sandwich/Coffee Maker	49	1.32	Order Filler	68	1.84
Waiter or Waitress	13	0.35	Stock Clerk, Sales Floor	27	0.73
			FARM WORKERS	22	0.59
			Farm Equipment Operator	22	0.59

1983-91 Growth Rate . . . -23.00%

1984 New Hire Rate . . . 84.46%

1991 Proj. Employment . . . 847



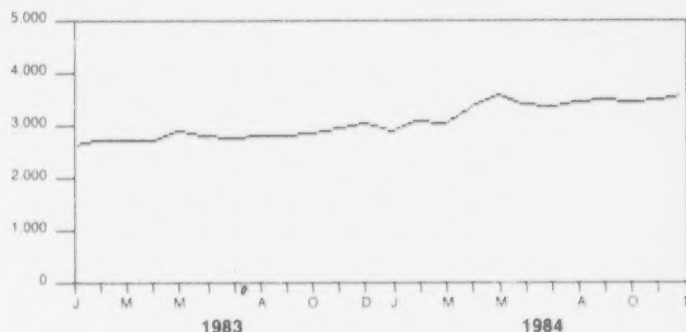
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,260	1,126	1,068	1,032	1,088	1,118
Number of Firms	165	157	150	136	121	110
Average Weekly Earnings	\$281.58	\$304.93	\$306.51	\$334.85	\$322.25	\$345.74

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	15	1.36	CRAFT WORKERS & SUPERVISORS ..	215	19.49 **
MANAGERS & OFFICERS	133	12.06 **	Automotive Mechanic	31	2.81
Manager, Store	94	8.52 *	Diesel Mechanic	14	1.27
SALES WORKERS	71	6.44 *	Household Appliance Repairer	53	4.81
Sales Representative	71	6.44 *	Oil Burner Installer/Service	90	8.16 *
CLERICAL WORKERS	287	26.02 ***	Sheet Metal Worker	11	1.00
Accounting Clerk	66	5.98 *	OPERATIVES	312	28.29 ***
Bookkeeper	56	5.08 *	Delivery Driver & Route Worker	168	15.23 **
Bookkeeping & Billing Mach Oper	13	1.18	Gas Station Attendant	42	3.81
Dispatcher Vehicle/Service Work	12	1.09	Truck Driver	63	5.71 *
General Clerk	39	3.54	SERVICE WORKERS	10	0.91
Order Clerk	44	3.99	LABORERS EXCEPT FARM	60	5.44 *
Secretary	19	1.72			
Shipping & Receiving Clerk	13	1.18			

1983-91 Growth Rate . . . 26.56%

1984 New Hire Rate . . . 131.22%

1991 Proj. Employment . . . 3,526



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,640	2,768	2,809	2,616	2,753	3,283
Number of Firms	625	686	687	646	664	696
Average Weekly Earnings	\$134.84	\$148.27	\$153.35	\$157.11	\$160.81	\$179.85

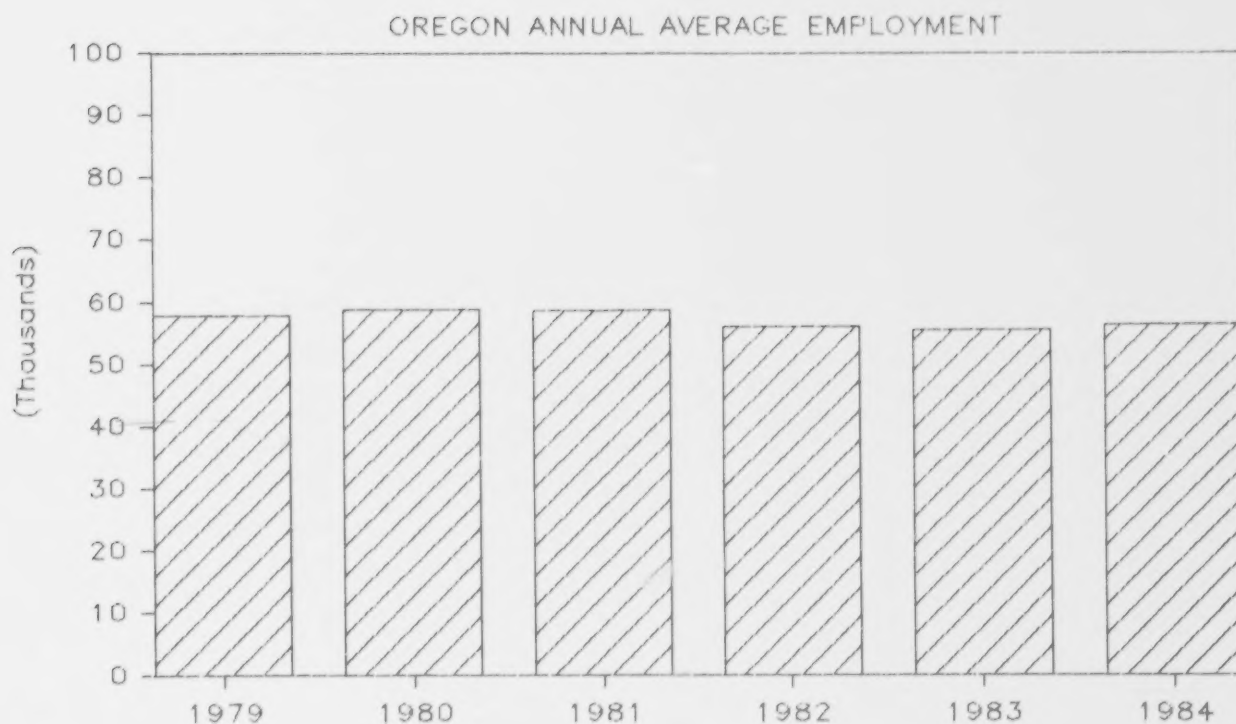
Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	518	18.61 **	CLERICAL WORKERS (cont.)		
Designer	501	18.00 **	Shipping & Receiving Clerk	14	0.50
Pharmacist	15	0.54	Stock Clerk, Storeroom & Warehouse	23	0.83
MANAGERS & OFFICERS	296	10.63 **	CRAFT WORKERS & SUPERVISORS	104	3.74
Buyer, Wholesale/Retail Trade	18	0.65	Installer/Repairer/Section Maintnr	21	0.75
Manager, Merchandise	10	0.36	Optician Dispens &/or Optic Mech	70	2.51
Manager, Store	262	9.41 *	OPERATIVES	241	8.66 *
SALES WORKERS	1,044	37.50 ****	Assembler	21	0.75
Sales Clerk	416	14.94 **	Delivery Driver & Route Worker	170	6.11 *
Sales Representative	603	21.66 ***	Etcher &/or Engraver Mach Oper	11	0.40
CLERICAL WORKERS	395	14.19 **	SERVICE WORKERS	120	4.31
Accounting Clerk	21	0.75	Cosmetologist &/or Hairstylist	64	2.30
Bookkeeper	156	5.60 *	Counter Attendant, Cafeteria	24	0.86
Cashier	35	1.26	Janitor/Porter/Cleaner	28	1.01
General Clerk	52	1.87	LABORERS EXCEPT FARM	66	2.37
Order Clerk	30	1.08	Gardener/Groundskeeper	12	0.43
Secretary	37	1.33	Order Filler	16	0.57
			Stock Clerk, Sales Floor	13	0.47



Finance, Insurance, & Real Estate

This division includes establishments operating primarily in the fields of finance, insurance, and real estate. Finance includes banks and trust companies, credit agencies other than banks, holding (but not predominantly operating) companies, other investment companies, brokers and dealers in securities and commodity contracts, and security and commodity exchanges. Insurance covers carriers of all types of insurance, and insurance agents and brokers. Real estate includes owners, lessors, lessees, buyers, sellers, agents, and developers of real estate.

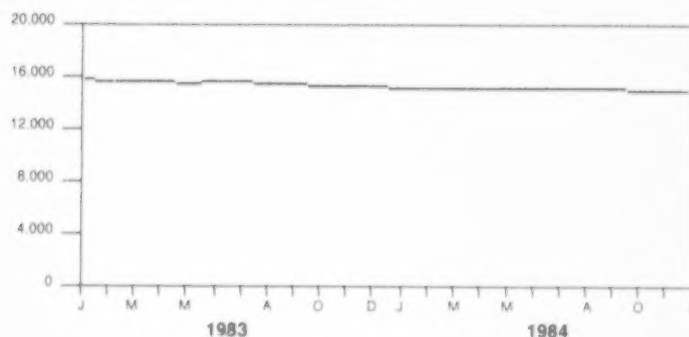
In most cases, establishments included in this division are primarily engaged in specialized activities in either the finance, insurance, or real estate field and can therefore be classified in one of the major groups provided for these activities. However, there are some small establishments which are regularly engaged in some combination of finance, insurance, real estate, and law, no one of which is the principal activity. A separate major group (66) has been provided for such establishments.



1983-91 Growth Rate . . . 10.43%

1984 New Hire Rate . . . 25.64%

1991 Proj. Employment . . . 17,000



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	16,508	16,983	17,078	16,075	15,385	14,911
Number of Firms	189	197	204	207	206	197
Average Weekly Earnings	\$212.92	\$232.30	\$256.47	\$276.77	\$284.08	\$294.87

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	591	3.84	CLERICAL WORKERS (cont.)		
Accountant/Auditor	139	0.90	Credit Analyst	65	0.42
Computer Programmer	45	0.29	Credit Clerk	238	1.55
Personnel & Labor Relations Spec	72	0.47	Credit Reporter &/or Investigator	30	0.19
Public Relations Practitioner	11	0.07	Duplicating Machine Operator	10	0.06
Systems Analyst, EDP	31	0.20	File Clerk	147	0.95
MANAGERS & OFFICERS	3,261	21.18 ***	General Clerk	1,129	7.33 *
SALES WORKERS	54	0.35	Insurance Clerk	13	0.08
Sales Agent, Financial Service	50	0.32	Key Punch/Data Entry Oper	87	0.57
CLERICAL WORKERS	11,273	73.22 *****	Loan Closer	116	0.75
Accounting Clerk	438	2.84	Mail Clerk	67	0.44
Adjustment Clerk	31	0.20	Messenger	97	0.63
Appraiser, Real Estate	16	0.10	Messenger, Bank	22	0.14
Bookkeeper	90	0.58	New Accounts Teller	680	4.42
Cashier	12	0.08	Office Machine Oper	147	0.95
Checking Clerk	31	0.20	Payroll &/or Timekeeping Clerk	16	0.10
Chief Credit Analyst	32	0.21	Personnel Clerk	21	0.14
Clerical Supervisor	45†	2.93	Proof Mach Oper	521	3.38
Coin Mach Oper/Currency Sorter	14	0.09	Receptionist	14	0.09
Collector	169	1.10	Safe Deposit Clerk	62	0.40
Computer Operator	47	0.31	Secretary	1,004	6.52 *
Control Clerk Data Processing	16	0.10	Sorting Clerk	22	0.14

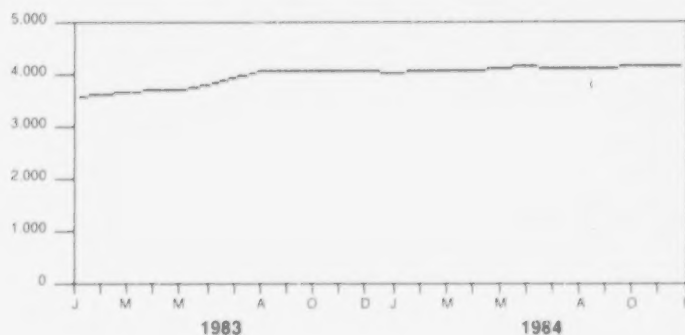
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CLERICAL WORKERS (cont.)			CRAFT WORKERS & SUPERVISORS ..	91	0.59
Statement Clerk	146	0.95	Maintenance Repairer, Gen Utility	13	0.08
Stenographer	97	0.63	Office Mach/Cash Reg Servicer	24	0.16
Stock Clerk, Storeroom & Warehouse	21	0.14	Supervisor, Nonworking Exc Service ..	17	0.11
Switchboard Oper/Receptionist	24	0.16	SERVICE WORKERS	111	0.72
Switchboard Oper	13	0.08	Food Service Worker	15	0.10
Teller	4,559	29.61 ***	Guard/Doorkeeper	46	0.30
Transit Clerk	23	0.15	Janitor/Porter/Cleaner	50	0.32
Typist/Word Processor	158	1.03			

1983-91 Growth Rate . . . 15.03%

1984 New Hire Rate . . . 47.43%

1991 Proj. Employment . . . 4,493



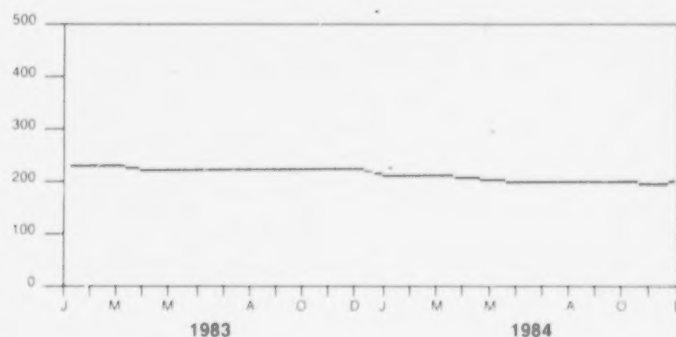
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	3,581	3,555	3,756	3,506	3,807	4,053
Number of Firms	113	120	129	119	103	98
Average Weekly Earnings	\$237.70	\$258.54	\$278.56	\$295.91	\$309.98	\$324.05

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	281	7.21 *	CLERICAL WORKERS (cont.)		
Accountant/Auditor	49	1.26	File Clerk	21	0.54
Computer Programmer	43	1.10	General Clerk	125	3.21
Personnel & Labor Relations Spec	31	0.80	Insurance Clerk	19	0.49
Public Relations Practitioner	10	0.26	Key Punch/Data Entry Oper	24	0.62
Systems Analyst, EDP	72	1.85	Loan Closer	120	3.08
Writer &/or Editor	11	0.28	Mail Clerk	23	0.59
MANAGERS & OFFICERS	976	25.03 ***	Messenger	15	0.38
SALES WORKERS	37	0.95	Mortgage Closing Clerk	71	1.82
Sales Agent, Financial Service	33	0.85	New Accounts Teller	226	5.80 *
CLERICAL WORKERS	2,527	64.81 *****	Payroll &/or Timekeeping Clerk	17	0.44
Accounting Clerk	110	2.82	Receptionist	16	0.41
Appraiser, Real Estate	53	1.36	Secretary	105	2.69
Bookkeeper	34	0.87	Switchboard Oper/Receptionist	24	0.62
Clerical Supervisor	113	2.90	Teller	1,021	26.19 ***
Collector	38	0.97	Typist/Word Processor	66	1.69
Computer Operator	48	1.23	CRAFT WORKERS & SUPERVISORS	31	0.80
Credit Analyst	10	0.26	SERVICE WORKERS	34	0.87
Credit Clerk	69	1.77	Janitor/Porter/Cleaner	28	0.72

1983-91 Growth Rate . . . 41.26%

1984 New Hire Rate . . . 26.27%

1991 Proj. Employment . . . 315



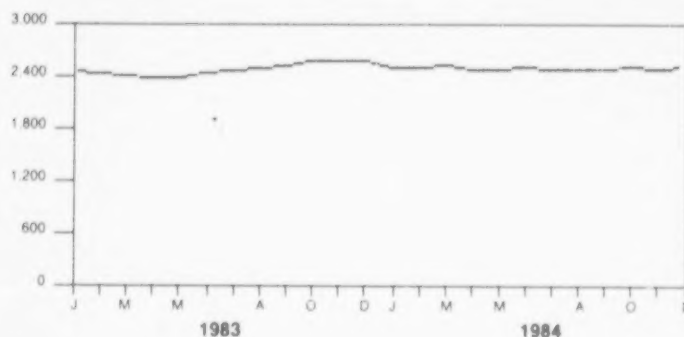
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	173	186	192	220	223	199
Number of Firms	20	20	20	21	20	20
Average Weekly Earnings	\$304.70	\$359.49	\$350.29	\$390.04	\$416.38	\$447.46

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	48	21.33 ***	CLERICAL WORKERS (cont.)		
CLERICAL WORKERS	173	76.89 *****	General Clerk	33	14.67 **
Appraiser, Real Estate	17	7.56 *	Loan Closer	21	9.33 *
Credit Analyst	54	24.00 ***	Secretary	10	4.44

1983-91 Growth Rate . . . 9.62%

1984 New Hire Rate . . . 53.66%

1991 Proj. Employment . . . 2,700



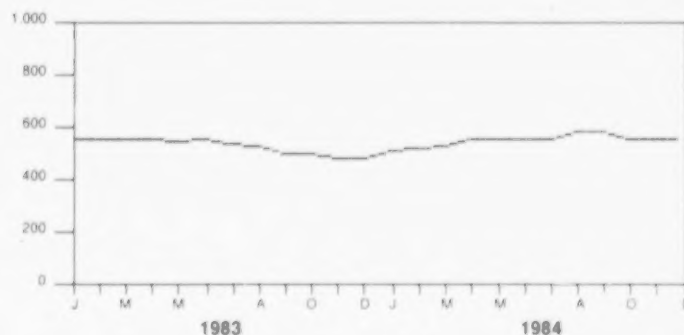
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,683	2,669	2,608	2,455	2,445	2,447
Number of Firms	383	373	356	323	299	286
Average Weekly Earnings	\$228.80	\$261.78	\$279.92	\$300.36	\$313.13	\$319.16

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	48	1.95	CLERICAL WORKERS (cont.)		
Accountant/Auditor	13	0.53	File Clerk	20	0.81
Public Relations Practitioner	12	0.49	General Clerk	190	7.74 *
MANAGERS & OFFICERS	669	27.24 ***	Insurance Clerk	10	0.41
SALES WORKERS	48	1.95	Loan Closer	126	5.13 *
Sales Agent, Financial Service	38	1.55	Mail Clerk	12	0.49
Sales Representative	10	0.41	Mortgage Closing Clerk	15	0.61
CLERICAL WORKERS	1,682	68.49 *****	New Accounts Teller	42	1.71
Accounting Clerk	99	4.03	Receptionist	12	0.49
Bookkeeper	55	2.24	Secretary	61	2.48
Cashier	23	0.94	Stenographer	23	0.94
Clerical Supervisor	74	3.01	Switchboard Oper./Receptionist	22	0.90
Collector	270	10.99 **	Teller	270	10.99 **
Credit Analyst	25	1.02	Typist/Word Processor	36	1.47
Credit Clerk	196	7.98 *			

1983-91 Growth Rate . . . 53.90%

1984 New Hire Rate . . . 48.58%

1991 Proj. Employment . . . 808



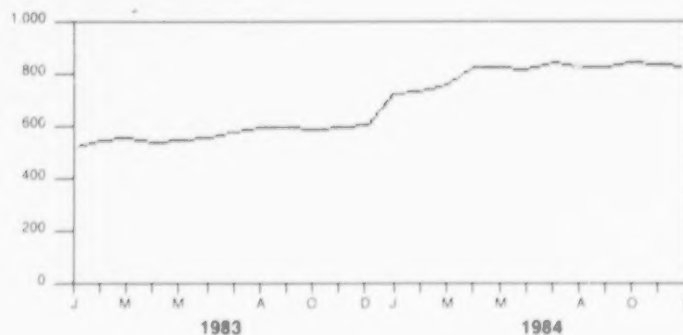
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	401	449	478	577	524	544
Number of Firms	59	58	61	62	51	51
Average Weekly Earnings	\$331.91	\$360.35	\$392.24	\$430.22	\$461.91	\$476.19

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	22	4.25	CLERICAL WORKERS (cont.)		
MANAGERS & OFFICERS	99	19.11 **	Collector	41	7.92 *
SALES WORKERS	107	20.66 ***	Credit Analyst	46	8.88 *
Sales Agent, Financial Service	96	18.53 **	General Clerk	43	8.30 *
Sales Representative	11	2.12	Loan Closer	10	1.93
CLERICAL WORKERS	270	52.12 *****	Secretary	31	5.98 *
Accounting Clerk	19	3.67	CRAFT WORKERS & SUPERVISORS ..	13	2.51
Bookkeeper	11	2.12	Automotive Mechanic	11	2.12

1983-91 Growth Rate ... 33.27%

1984 New Hire Rate ... 97.53%

1991 Proj. Employment ... 761



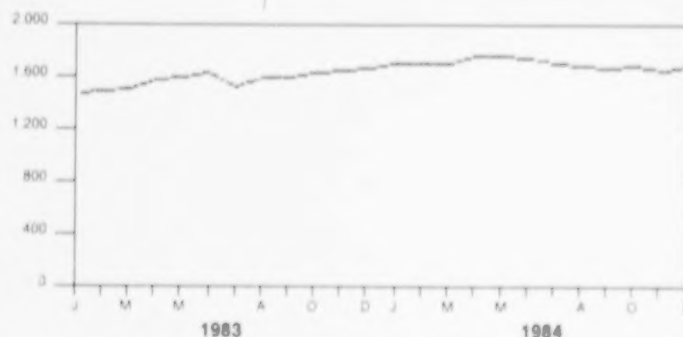
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	591	565	631	512	568	802
Number of Firms	63	65	71	65	68	77
Average Weekly Earnings	\$313.44	\$346.41	\$397.58	\$414.86	\$413.50	\$410.86

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	28	4.91	CLERICAL WORKERS (cont.)		
Accountant/Auditor	14	2.46	Clerical Supervisor	18	3.16
MANAGERS & OFFICERS	159	27.89 ***	Collector	26	4.56
SALES WORKERS	32	5.61 *	Credit Clerk	21	3.68
Sales Agent, Financial Service	28	4.91	General Clerk	45	7.89 *
CLERICAL WORKERS	349	61.23 *****	Insurance Clerk	21	3.68
Accounting Clerk	38	6.67 *	Loan Closer	30	5.26 *
Bookkeeper	14	2.46	Mortgage Closing Clerk	24	4.21
			Secretary	42	7.37 *

1983-91 Growth Rate . . . 36.19%

1984 New Hire Rate . . . 51.08%

1991 Proj. Employment . . . 2,160



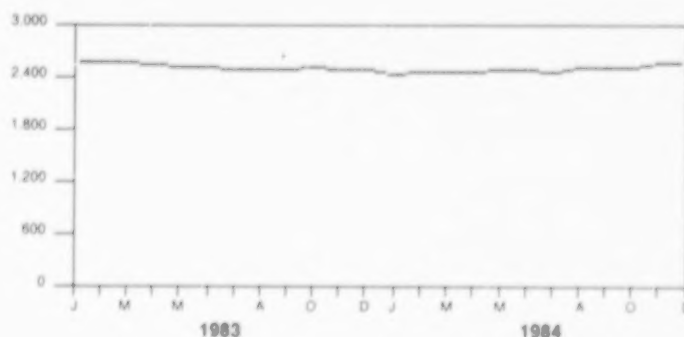
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,061	1,223	1,394	1,384	1,585	1,711
Number of Firms	77	83	85	83	91	98
Average Weekly Earnings	\$518.15	\$678.94	\$701.49	\$728.54	\$852.92	\$694.22

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	36	2.26	CLERICAL WORKERS (cont.)		
Accountant/Auditor	11	0.69	Brokerage Clerk	50	3.14
Financial Analyst	11	0.69	Cashier	31	1.95
MANAGERS & OFFICERS	91	5.72 *	Clerical Supervisor	11	0.69
SALES WORKERS	899	56.47 *****	General Clerk	35	2.20
Broker & Market Oper, Commodities	39	2.45	Margin Clerk	10	0.63
Broker/Fir Rep Sec Trader	21	1.32	Messenger	16	1.01
Sales Agent, Securities	820	51.51 *****	Purchase & Sales/Secur Order Clerk	23	1.44
Sales Representative	19	1.19	Secretary	172	10.80 **
CLERICAL WORKERS	561	35.24 ****	Security Cashier	36	2.26
Accounting Clerk	11	0.69	Switchboard Oper, Receptionist	30	1.88
Bookkeeper	23	1.44	Telegraph Operator	18	1.13
			Transfer Clerk	11	0.69
			Typist/Word Processor	16	1.01

1983-91 Growth Rate . . . 11.53%

1984 New Hire Rate . . . 51.28%

1991 Proj. Employment . . . 4,101



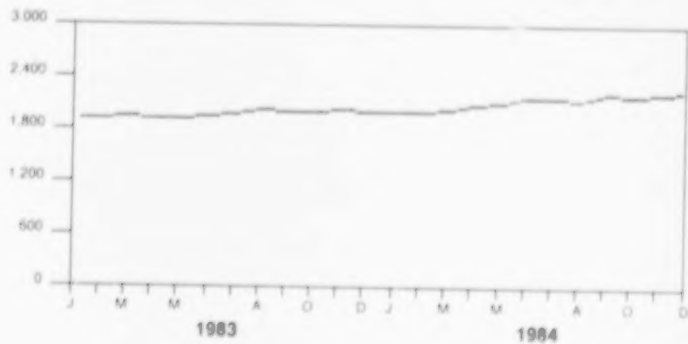
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,654	2,717	2,632	2,633	2,518	2,492
Number of Firms	105	100	98	95	91	93
Average Weekly Earnings	\$278.65	\$292.12	\$321.19	\$344.59	\$373.23	\$403.61

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	126	3.61	CLERICAL WORKERS (cont.)		
Accountant/Auditor	13	0.37	Claim Examiner, Lt/Acd/Hlth	301	8.63 *
Actuary	12	0.34	Claims Clerk	13	0.37
Computer Programmer	38	1.09	Clerical Supervisor	59	1.69
Personnel & Labor Relations Spec	13	0.37	Computer Operator	17	0.49
Writer &/or Editor	11	0.32	Correspondence Clerk	13	0.37
MANAGERS & OFFICERS	284	8.14 *	Duplicating Machine Operator	10	0.29
SALES WORKERS	1,776	50.93 *****	File Clerk	37	1.06
Sales Agent, Insurance	1,578	45.25 *****	General Clerk	99	2.84
Sales Agent, Real Estate	133	3.81	Insurance Checker	30	0.86
Special Agent, Insurance	27	0.77	Mail Clerk	36	1.03
Underwriter	31	0.89	Policy Change Clerk	13	0.37
CLERICAL WORKERS	1,267	36.33 *****	Rater	22	0.63
Accounting Clerk	50	1.43	Secretary	197	5.65 *
Cashier	20	0.57	Switchboard Oper./Receptionist	29	0.83
Claim Adjuster	63	1.81	Typist/Word Processor	119	3.41
			CRAFT WORKERS & SUPERVISORS	20	0.57
			Press Operator &/or Plate Printer	10	0.29

1983-91 Growth Rate . . . 34.72%

1984 New Hire Rate . . . 42.77%

1991 Proj. Employment . . . 3,069



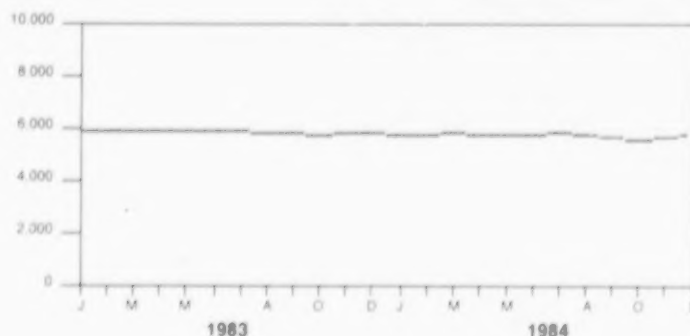
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,781	1,973	2,010	2,009	1,997	2,154
Number of Firms	23	23	24	25	23	26
Average Weekly Earnings	\$248.44	\$244.55	\$298.94	\$312.37	\$333.35	\$353.43

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	169	7.19 *	CLERICAL WORKERS (cont.)		
Accountant/Auditor	25	1.06	Correspondence Clerk	14	0.60
Computer Programmer	25	1.06	File Clerk	67	2.85
Personnel & Labor Relations Spec	11	0.47	General Clerk	54	2.30
Systems Analyst, EDP	44	1.87	Key Punch/Data Entry Oper	71	3.02
MANAGERS & OFFICERS	203	8.63 *	Mail Clerk	55	2.34
SALES WORKERS	397	16.89 **	Office Machine Oper	15	0.64
Sales Agent, Insurance	325	13.82 **	Policy Change Clerk	32	1.36
Sales Representative	19	0.81	Rater	25	1.06
Special Agent, Insurance	15	0.64	Secretary	109	4.64
Underwriter	28	1.19	Statistical Clerk	10	0.43
CLERICAL WORKERS	1,547	65.80 *****	Switchboard Oper./Receptionist	16	0.68
Accounting Clerk	71	3.02	Typist/Word Processor	84	3.57
Bookkeeper	45	1.91	Worksheet Clerk	12	0.51
Claim Examiner, Lf/Acd/Hlth	511	21.74 ***	CRAFT WORKERS & SUPERVISORS	22	0.94
Claim Examiner, Prop/Casualty	12	0.51	Press Operator &/or Plate Printer	13	0.55
Claims Clerk	57	2.42	SERVICE WORKERS	12	0.51
Clerical Supervisor	114	4.85	Janitor/Porter/Cleaner	10	0.43
Computer Operator	21	0.89			

1983-91 Growth Rate ... 24.84%

1984 New Hire Rate ... 30.82%

1991 Proj. Employment ... 7,518



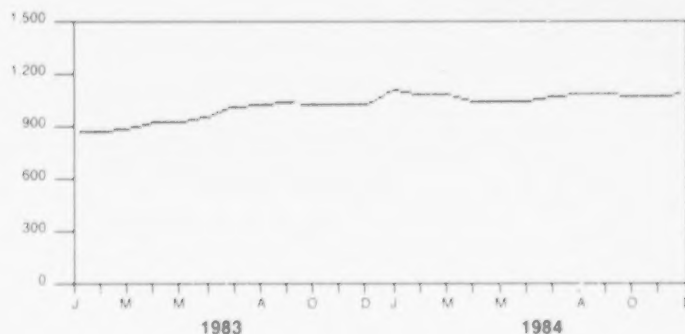
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	6,445	6,564	6,738	6,593	6,017	5,856
Number of Firms	138	136	138	135	134	135
Average Weekly Earnings	\$261.28	\$284.78	\$315.03	\$347.01	\$368.28	\$384.64

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	391	6.48 *	CLERICAL WORKERS (cont.)		
Accountant/Auditor	47	0.78	Computer Operator	33	0.55
Computer Programmer	26	0.43	Correspondence Clerk	15	0.25
Lawyer	55	0.91	Credit Analyst	14	0.23
Nurse Professional	23	0.38	File Clerk	314	5.21 *
Personnel & Labor Relations Spec	19	0.31	General Clerk	229	3.80
Safety Engineer	19	0.31	Insurance Checker	101	1.67
Systems Analyst, EDP	19	0.31	Investigator	23	0.38
MANAGERS & OFFICERS	590	9.78 *	Key Punch/Data Entry Oper	37	0.61
SALES WORKERS	1,043	17.29 **	Mail Clerk	48	0.80
Safety Inspector	143	2.37	Office Machine Oper	13	0.22
Sales Agent, Insurance	353	5.85 *	Personnel Clerk	10	0.17
Sales Representative	10	0.17	Policy Change Clerk	18	0.30
Special Agent, Insurance	83	1.38	Production Clerk	28	0.46
Underwriter	448	7.43 *	Rater	435	7.21 *
CLERICAL WORKERS	3,959	65.63 *****	Receptionist	12	0.20
Accounting Clerk	101	1.67	Secretary	259	4.29
Appraiser	15	0.25	Stenographer	31	0.51
Bookkeeper	13	0.22	Stock Clerk, Storeroom & Warehouse	14	0.23
Cashier	41	0.68	Switchboard Oper/Receptionist	58	0.96
Claim Adjuster	559	9.27 *	Typist/Word Processor	403	6.68 *
Claim Examiner, Lf/Acd/Hlth	173	2.87	Worksheet Clerk	165	2.74
Claim Examiner, Prop/Casualty	54	0.90	CRAFT WORKERS & SUPERVISORS ..	25	0.41
Claims Clerk	231	3.83	SERVICE WORKERS	23	0.38
Clerical Supervisor	223	3.70	Janitor/Porter/Cleaner	16	0.27

1983-91 Growth Rate . . . 23.71%

1984 New Hire Rate . . . 70.61%

1991 Proj. Employment . . . 1,200



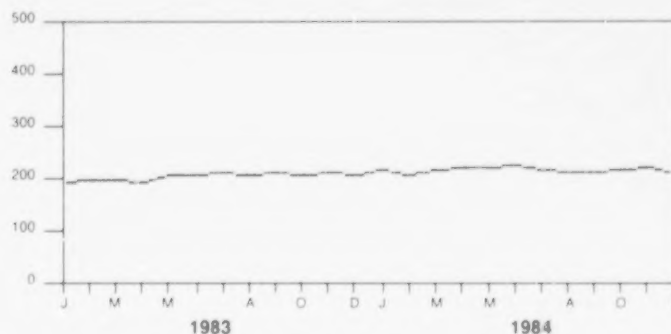
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,016	1,634	1,368	989	970	1,069
Number of Firms	69	68	68	69	63	56
Average Weekly Earnings	\$228.96	\$259.87	\$279.83	\$303.79	\$320.69	\$331.27

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	114	11.81 **	CLERICAL WORKERS (cont.)		
Drafter	15	1.55	General Clerk	21	2.18
MANAGERS & OFFICERS	218	22.59 ***	Loan Closer	72	7.46 *
SALES WORKERS	41	4.25	Messenger	12	1.24
Sales Agent, Insurance	35	3.63	Receptionist	15	1.55
CLERICAL WORKERS	590	61.14 *****	Secretary	78	8.08 *
Bookkeeper	27	2.80	Switchboard Oper./Receptionist	12	1.24
File Clerk	16	1.66	Title Examiner	120	12.44 **
			Title Searcher	46	4.77
			Typist/Word Processor	65	6.74 *

1983-91 Growth Rate . . . 34.76%

1984 New Hire Rate . . . 27.78%

1991 Proj. Employment . . . 283



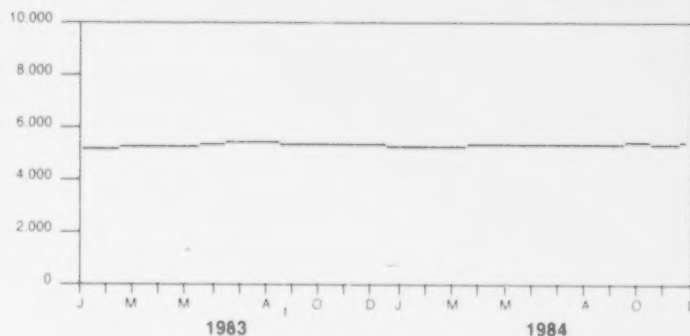
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	113	127	135	178	209	220
Number of Firms	14	14	16	16	15	15
Average Weekly Earnings	\$281.09	\$296.42	\$339.40	\$380.61	\$394.11	\$424.40

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	30	14.02 **	CLERICAL WORKERS (cont.)		
Accountant/Auditor	24	11.21 **	Claims Clerk	12	5.61 *
MANAGERS & OFFICERS	30	14.02 **	Clerical Supervisor	11	5.14 *
CLERICAL WORKERS	154	71.96 *****	File Clerk	12	5.61 *
Accounting Clerk	24	11.21 **	General Clerk	17	7.94 *
Claim Examiner, Lf/Acd/Hlth	24	11.21 **	Typist/Word Processor	10	4.67

1983-91 Growth Rate . . . 4.41%

1984 New Hire Rate . . . 64.57%

1991 Proj. Employment . . . 6,939



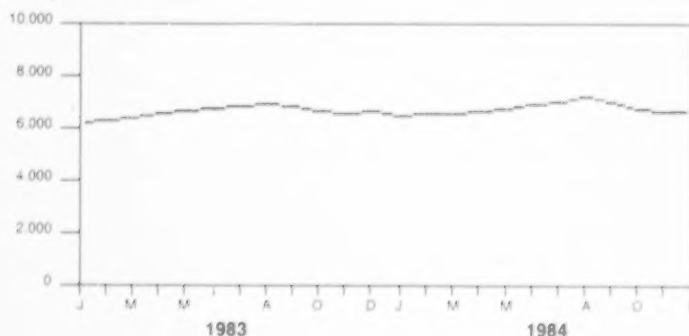
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	5,478	5,564	5,653	5,398	5,360	5,406
Number of Firms	1,177	1,219	1,245	1,236	1,258	1,249
Average Weekly Earnings	\$277.15	\$299.93	\$311.70	\$324.50	\$331.71	\$349.18

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	116	1.82	CLERICAL WORKERS (cont.)		
Accountant/Auditor	22	0.35	General Clerk	885	13.91 **
Computer Programmer	12	0.19	Insurance Checker	110	1.73
Nurse Professional	10	0.16	Investigator	79	1.24
Safety Engineer	11	0.17	Key Punch/Data Entry Oper	11	0.17
MANAGERS & OFFICERS	582	9.15 *	Loan Closer	18	0.28
SALES WORKERS	2,200	34.57 ****	Mail Clerk	27	0.42
Placer	46	0.72	Policy Change Clerk	131	2.06
Safety Inspector	20	0.31	Rater	154	2.42
Sales Agent, Insurance	1,937	30.44 ****	Receptionist	83	1.30
Special Agent, Insurance	43	0.68	Secretary	628	9.87 *
Underwriter	127	2.00	Stenographer	64	1.01
CLERICAL WORKERS	3,378	53.09 *****	Switchboard Oper/Receptionist	56	0.88
Accounting Clerk	57	0.90	Title Examiner	32	0.50
Bookkeeper	175	2.75	Typist/Word Processor	191	3.00
Bookkeeping & Billing Mach Oper	23	0.36	CRAFT WORKERS & SUPERVISORS	12	0.19
Claim Adjuster	144	2.26	OPERATIVES	12	0.19
Claim Examiner, Li/Acd/Hlth	34	0.53	Chauffeur	12	0.19
Claim Examiner, Prop/Casualty	41	0.64 —	SERVICE WORKERS	47	0.74
Claims Clerk	109	1.71	Janitor/Porter/Cleaner	24	0.38
Clerical Supervisor	51	0.80	Licensed Practical Nurse	10	0.16
Computer Operator	16	0.25	LABORERS EXCEPT FARM	16	0.25
Correspondence Clerk	19	0.30	Gardener/Groundskeeper	12	0.19
File Clerk	121	1.90			

1983-91 Growth Rate . . . 89.99%

1984 New Hire Rate . . . 110.50%

1991 Proj. Employment . . . 6,098



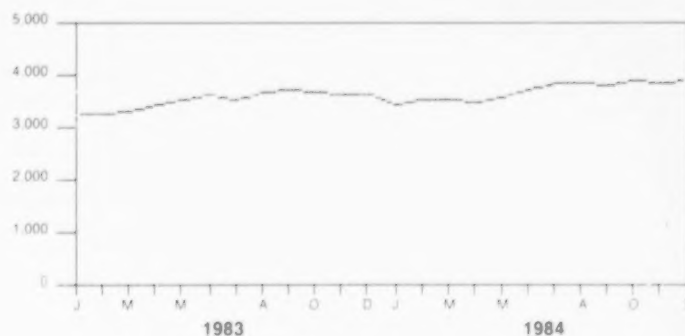
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	6,472	6,748	6,750	6,728	6,727	6,874
Number of Firms	1,702	1,681	1,656	1,615	1,581	1,544
Average Weekly Earnings	\$146.82	\$161.97	\$173.24	\$181.16	\$190.33	\$196.25

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	276	4.07	CRAFT WORKERS & SUPERVISORS . .	917	13.52 **
Accountant/Auditor	56	0.83	Carpenter	40	0.59
Nurse Professional	39	0.58	Maintenance Repairer, Gen Utility	658	9.70 *
Social Service Aide	45	0.66	Painter, Maintenance	121	1.78
X-Ray Technician	15	0.22	Stationary Engineer	11	0.16
MANAGERS & OFFICERS	2,287	33.72 ****	Supervisor, Nonworking Exc Service . .	43	0.63
SALES WORKERS	135	1.99	OPERATIVES	68	1.00
Real Estate Broker	12	0.18	Dry Cleaning Machine Oper	15	0.22
Sales Agent, Real Estate	19	0.28	Laundry Operator, Small Estab	10	0.15
Sales Clerk	66	0.97	Mobile Home Set-up Operator	11	0.16
Sales Representative	38	0.56	SERVICE WORKERS	1,702	25.10 ***
CLERICAL WORKERS	899	13.26 **	Cleaner, Housekeeping	327	4.82
Accounting Clerk	61	0.90	Elevator Operator	23	0.34
Bookkeeper	165	2.43	Food Service Workers	329	4.85
Cashier	54	0.80	Guard/Doorkeeper	95	1.40
Clerical Supervisor	15	0.22	House Cleaner	14	0.21
General Clerk	264	3.89	Janitor/Porter/Cleaner	639	9.42 *
Receptionist	92	1.36	Licensed Practical Nurse	19	0.28
Secretary	124	1.83	Nurse Aide/Orderly	121	1.78
Switchboard Oper/Receptionist	38	0.56	Usher/Lobby Attend/Ticket Taker	14	0.21
Switchboard Oper	17	0.25	LABORERS EXCEPT FARM	498	7.34 *
Typist/Word Processor	14	0.21	Gardener/Groundskeeper	420	6.19 *
			Helper, Trades	11	0.16

1983-91 Growth Rate . . . -3.57%

1984 New Hire Rate . . . 122.58%

1991 Proj. Employment . . . 12,472



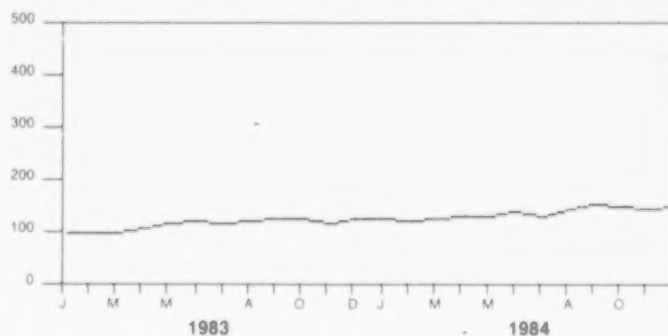
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,420	4,298	3,756	3,268	3,509	3,688
Number of Firms	1,153	1,201	1,183	1,014	910	890
Average Weekly Earnings	\$246.42	\$251.56	\$245.49	\$238.09	\$257.27	\$281.59

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	72	0.56	CLERICAL WORKERS (cont.)		
Accountant/Auditor	49	0.38	Real Estate Clerk	43	0.33
Public Relations Practitioner	10	0.08	Receptionist	110	0.85
MANAGERS & OFFICERS	1,148	8.91 *	Secretary	452	3.51
SALES WORKERS	9,801	76.11 *****	Stenographer	24	0.19
Business Broker	69	0.54	Switchboard Oper/Receptionist	37	0.29
Real Estate Broker	803	6.24 *	Switchboard Oper	10	0.08
Sales Agent, Insurance	172	1.34	Title Examiner	13	0.10
Sales Agent, Real Estate	8,738	67.85 *****	Typist/Word Processor	46	0.36
Sales Representative	19	0.15	CRAFT WORKERS & SUPERVISORS	151	1.17
CLERICAL WORKERS	1,640	12.73 **	Maintenance Repairer, Gen Utility	61	0.47
Accounting Clerk	84	0.65	Painter, Maintenance	41	0.32
Appraiser, Real Estate	226	1.75	Supervisor, Nonworking Exc Service	47	0.36
Bookkeeper	168	1.30	SERVICE WORKERS	30	0.23
General Clerk	319	2.48	Janitor/Porter/Cleaner	13	0.10
Loan Closer	13	0.10	LABORERS EXCEPT FARM	33	0.26
			Gardener/Groundskeeper	28	0.22

1983-91 Growth Rate ... 37.93%

1984 New Hire Rate ... 83.46%

1991 Proj. Employment ... 160



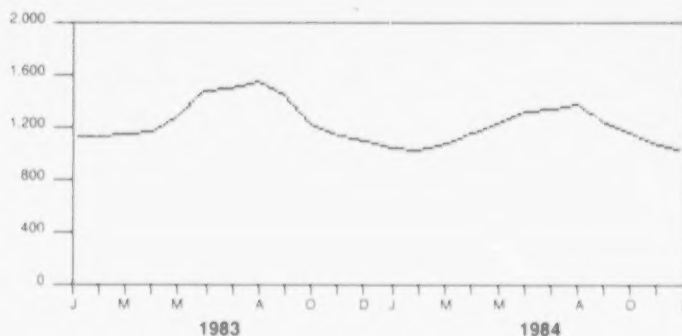
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	149	144	140	115	116	137
Number of Firms	10	10	13	15	14	13
Average Weekly Earnings	\$250.62	\$259.44	\$268.16	\$271.95	\$292.31	\$300.60

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	10	8.85 *	CLERICAL WORKERS	74	65.49 *****
MANAGERS & OFFICERS	26	23.01 ***	Title Examiner	19	16.81 **

1983-91 Growth Rate . . . 44.91%

1984 New Hire Rate . . . 131.21%

1991 Proj. Employment . . . 1,894



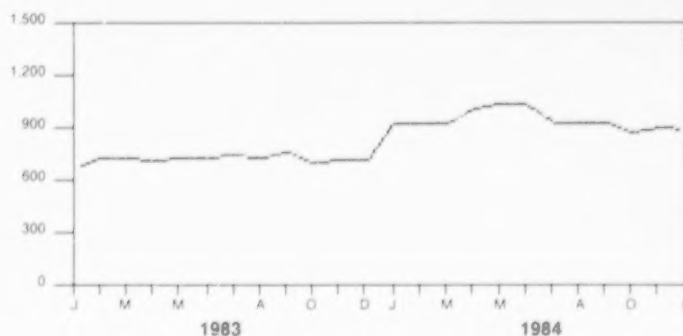
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,905	1,644	1,539	1,407	1,296	1,185
Number of Firms	373	369	375	342	297	276
Average Weekly Earnings	\$255.53	\$264.65	\$265.72	\$263.43	\$261.79	\$263.07

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	39	2.95	CRAFT WORKERS & SUPERVISORS ..	133	10.06 **
Accountant/Auditor	14	1.06	Carpenter	22	1.66
Drafter	11	0.83	Heavy Equipment Operator	13	0.98
MANAGERS & OFFICERS	245	18.53 **	Maintenance Repairer, Gen Utility	38	2.87
SALES WORKERS	53	4.01	Supervisor, Nonworking Exc Service	24	1.82
Sales Agent, Real Estate	27	2.04	Supervisor, Nonworking Service	19	1.44
Sales Representative	19	1.44	SERVICE WORKERS	236	17.85 **
CLERICAL WORKERS	274	20.73 ***	Cleaner, Housekeeping	52	3.93
Accounting Clerk	34	2.57	Food Service Worker	147	11.12 **
Bookkeeper	51	3.86	Janitor/Porter/Cleaner	23	1.74
General Clerk	61	4.61	LABORERS EXCEPT FARM	336	25.42 ***
Receptionist	12	0.91	Gardener/Groundskeeper	301	22.77 ***
Secretary	49	3.71			

1983-91 Growth Rate . . . 39.78%

1984 New Hire Rate . . . 54.85%

1991 Proj. Employment . . . 1,033



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	432	553	680	712	737	950
Number of Firms	25	30	32	37	37	40
Average Weekly Earnings	\$388.98	\$396.84	\$456.11	\$478.94	\$490.81	\$427.90

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	206	27.95 ***	CLERICAL WORKERS	219	29.72 ***
Accountant/Auditor	94	12.75 **	Accounting Clerk	67	9.09 *
Financial Analyst	16	2.17	General Clerk	17	2.31
Lawyer	14	1.90	Secretary	89	12.08 **
MANAGERS & OFFICERS	299	40.57 *****	Typist/Word Processor	23	3.12

Services

This division includes establishments primarily engaged in providing a wide variety of services for individuals, business and government establishments, and other organizations. Hotels and other lodging places; establishments providing personal, business, repair, and amusement services; health, legal, engineering, and other professional

services; educational institutions; membership organizations, and other miscellaneous services, are included.

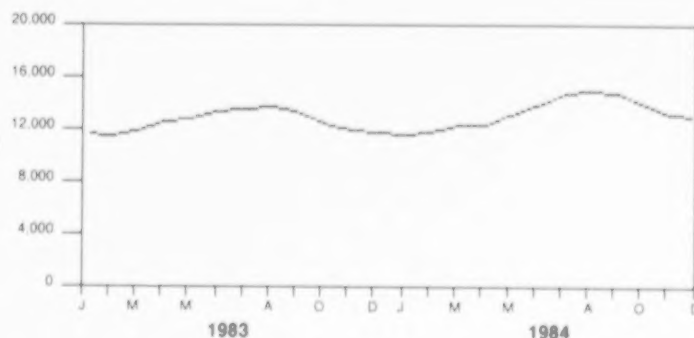
Establishments which provide specialized services closely allied to agriculture, mining, transportation, etc., are classified in their respective divisions.



1983-91 Growth Rate . . . 25.47%

1984 New Hire Rate . . . 161.43%

1991 Proj. Employment . . . 16,000



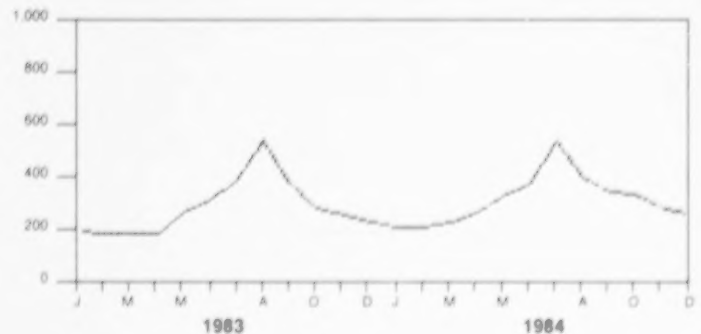
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	14,304	14,337	13,806	13,013	12,718	13,341
Number of Firms	750	735	728	702	673	667
Average Weekly Earnings	\$104.78	\$116.94	\$124.84	\$131.22	\$134.79	\$141.53

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	84	0.66	OPERATIVES	368	2.89
Accountant/Auditor	49	0.38	Bus Driver	10	0.08
MANAGERS & OFFICERS	1,039	8.15 *	Laundry Operator, Small Estab	218	1.71
Purchasing Agent &/or Buyer	16	0.13	Mach Presser, Drycleaning	15	0.12
SALES WORKERS	90	0.71	Mach Presser, Laundry	23	0.18
Sales Clerk	36	0.28	Parking Lot Attendant	20	0.16
Sales Representative	54	0.42	Washer Machine &/or Starcher	51	0.40
CLERICAL WORKERS	1,823	14.29 **	SERVICE WORKERS	8,573	67.21 *****
Accounting Clerk	80	0.63	Bartender	303	2.38
Bookkeeper	115	0.90	Bellhop/Baggage Porter	118	0.93
Cashier	145	1.14	Cleaner, Housekeeping	4,027	31.57 ****
Clerical Supervisor	16	0.13	Cook, Restaurant	441	3.46
Desk Clerk	1,145	8.98 *	Cook, Short Order	49	0.38
General Clerk	47	0.37	Counter Attendant, Cafeteria	40	0.31
Payroll &/or Timekeeping Clerk	23	0.18	Dining Room Attendant	584	4.58
Receptionist	28	0.22	Guard/Doorkeeper	43	0.34
Secretary	117	0.92	Host/Hostess	145	1.14
Stock Clerk, Storeroom & Warehouse	10	0.08	Housecleaner	242	1.90
Switchboard Oper	63	0.49	Housekeeper	202	1.58
CRAFT WORKERS & SUPERVISORS	729	5.72 *	Janitor/Porter/Cleaner	135	1.06
Baker Bread	13	0.10	Kitchen Helper	474	3.72
Maintenance Repairer, Gen Utility	470	3.68	Pantry Work & Sandwich/Coffee Maker	101	0.79
Painter, Maintenance	41	0.32	Recreation Facilities Attendant	30	0.24
Supervisor, Nonworking Exc Service	18	0.14	Waiter or Waitress	1,604	12.58 **
Supervisor, Nonworking Service	165	1.29	LABORERS EXCEPT FARM	49	0.38
			Gardener/Groundskeeper	42	0.33

1983-91 Growth Rate . . . -24.91%

1984 New Hire Rate . . . 214.68%

1991 Proj. Employment . . . 214



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	169	147	168	210	279	312
Number of Firms	65	62	61	63	60	56
Average Weekly Earnings	\$104.39	\$111.48	\$115.68	\$115.55	\$124.60	\$137.95

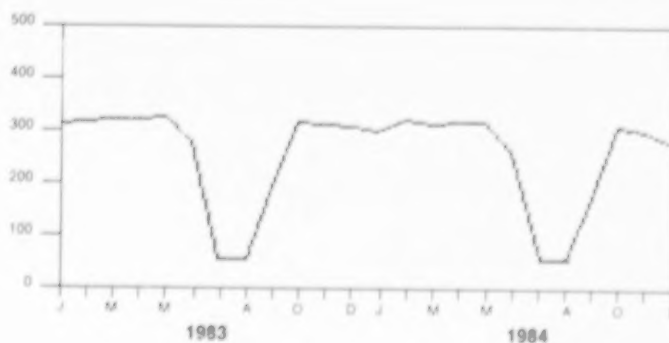
Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	10	3.51	OPERATIVES	14	4.91
MANAGERS & OFFICERS	30	10.53 **	SERVICE WORKERS	138	48.42 *****
SALES WORKERS	20	7.02 *	Bartender	15	5.26 *
Sales Clerk	11	3.86	Cleaner, Housekeeping	14	4.91
CLERICAL WORKERS	41	14.39 **	Cook, Restaurant	29	10.18 **
Cashier	19	6.67 *	Cook, Short Order	18	6.32 *
General Clerk	20	7.02 *	Kitchen Helper	28	9.82 *
CRAFT WORKERS & SUPERVISORS . .	23	8.07 *	Waiter or Waitress	18	6.32 *
Maintenance Repairer, Gen Utility	19	6.67 *			

704 MEMBERSHIP-BASIS ORGANIZATION HOTELS 704

1983-91 Growth Rate ... 34.98%

1984 New Hire Rate ... 145.85%

1991 Proj. Employment ... 355



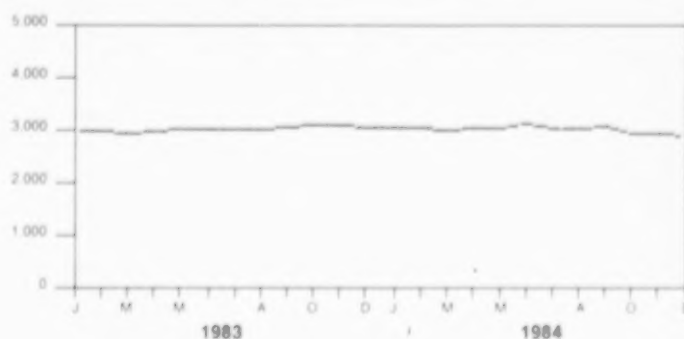
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	237	256	267	251	254	245
Number of Firms	79	85	85	84	82	80
Average Weekly Earnings	\$60.85	\$68.07	\$73.55	\$79.85	\$82.29	\$84.86

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	34	13.03 **	SERVICE WORKERS (cont.)		
SERVICE WORKERS	213	81.61 *****	Housecleaner	21	8.05 *
Cleaner, Housekeeping	37	14.18 **	Kitchen Helper	28	10.73 **
Cook, Institutional	39	14.94 **	Waiter or Waitress	32	12.26 **
			Dining Room Attendant	40	15.33 **

1983-91 Growth Rate . . . 9.02%

1984 New Hire Rate . . . 121.56%

1991 Proj. Employment . . . 3,300



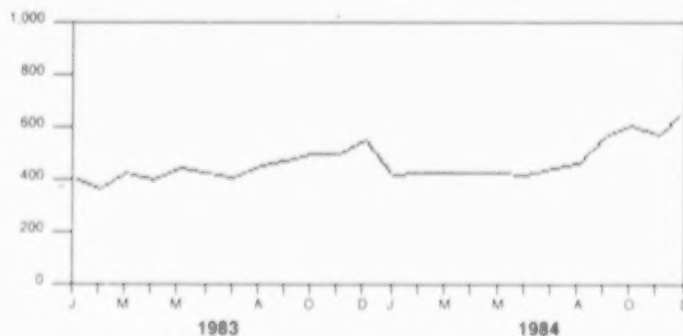
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	3,279	3,311	3,157	2,977	3,022	3,050
Number of Firms	435	421	407	394	396	393
Average Weekly Earnings	\$168.09	\$182.03	\$196.72	\$209.40	\$208.79	\$214.15

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	19	0.63	OPERATIVES (cont.)		
MANAGERS & OFFICERS	217	7.16 *	Folder, Laundry	214	7.07 *
SALES WORKERS	35	1.16	Laundry Operator, Small Estab	71	2.34
Sales Representative	35	1.16	Mach Presser, Drycleaning	275	9.08 *
CLERICAL WORKERS	481	15.88 **	Mach Presser, Laundry	234	7.73 *
Bookkeeper	24	0.79	Marker/Classifier/Wet Wash Assembler	155	5.12 *
Cashier	10	0.33	Mender	100	3.30
Counter Clerk	321	10.60 **	Presser (Hand) Blocker	68	2.24
General Clerk	62	2.05	Production Packager	53	1.75
Stock Clerk, Storeroom & Warehouse	23	0.76	Rug Cleaner, Hand	40	1.32
CRAFT WORKERS & SUPERVISORS . .	219	7.23 *	Rug Cleaner, Machine	36	1.19
Alteration Tailor	86	2.84	Spotter, Dry Cleaning	46	1.52
Inspector	37	1.22	Spotter, Washable Materials	11	0.36
Laundry Machine Mechanic	43	1.42	Tumbler Oper	20	0.66
Supervisor, Nonworking Exc Service	39	1.29	Washer Machine &/or Starcher	96	3.17
OPERATIVES	1,934	63.85 *****	SERVICE WORKERS	111	3.66
Delivery Driver & Route Worker	275	9.08 *	Cleaner, Housekeeping	17	0.56
Dry Cleaner, Hand	32	1.06	Janitor/Porter/Cleaner	94	3.10
Dry Cleaning Machine Oper	185	-6.11 *	LABORERS EXCEPT FARM	13	0.43

1983-91 Growth Rate ... 21.21%

1984 New Hire Rate ... 329.82%

1991 Proj. Employment ... 560



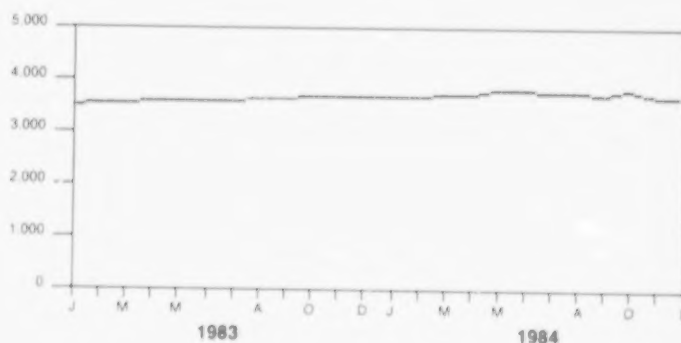
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	486	436	451	428	451	494
Number of Firms	103	110	107	106	107	107
Average Weekly Earnings	\$140.28	\$152.81	\$144.50	\$143.61	\$141.33	\$156.01

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	184	39.91 ****	CLERICAL WORKERS	68	14.75 **
Photo Retoucher, Airbrush Artist	27	5.86 *	General Clerk	10	2.17
Photographer, Portrait/Commercial ..	142	30.80 ****	Receptionist	29	6.29 *
MANAGERS & OFFICERS	52	11.28 **	OPERATIVES	48	10.41 **
SALES WORKERS	103	22.34 ***	Photo Checker & Assembler	18	3.90
Sales Clerk	10	2.17			
Sales Representative	93	20.17 ***			

1983-91 Growth Rate ... 11.08%

1984 New Hire Rate ... 100.27%

1991 Proj. Employment ... 4,000



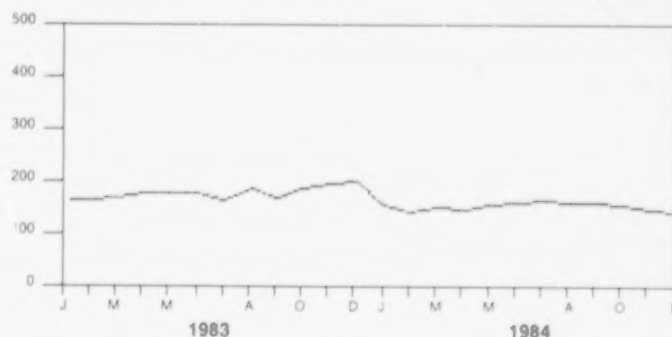
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	3,958	3,832	3,732	3,580	3,571	3,713
Number of Firms	964	939	895	828	810	777
Average Weekly Earnings	\$134.66	\$140.46	\$142.12	\$145.34	\$149.88	\$153.33

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	157	4.35	SERVICE WORKERS (cont.)		
CLERICAL WORKERS	185	5.13	Cosmetologist &/or Hairstylist	3,073	85.22
Bookkeeper	21	0.58	Janitor/Porter/Cleaner	31	0.86
Receptionist	153	4.24	Manicurist	33	0.92
SERVICE WORKERS	3,259	90.38	Shampooer	33	0.92
Barber	59	1.64			
Cleaner, Housekeeping	14	0.39			

1983-91 Growth Rate . . . -12.09%

1984 New Hire Rate . . . 95.77%

1991 Proj. Employment . . . 160



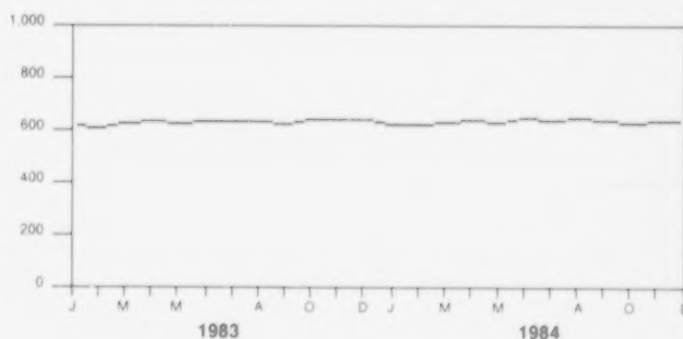
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	229	217	211	192	181	155
Number of Firms	106	97	86	79	64	54
Average Weekly Earnings	\$172.38	\$184.78	\$197.77	\$164.32	\$175.09	\$185.71

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CLERICAL WORKERS	14	7.73 *			
SERVICE WORKERS	162	89.50 *****			
Barber	79	43.65 *****			
Cosmetologist &/or Hairstylist	81	44.75 *****			

1983-91 Growth Rate . . . -27.46%

1984 New Hire Rate . . . 58.88%

1991 Proj. Employment . . . 449



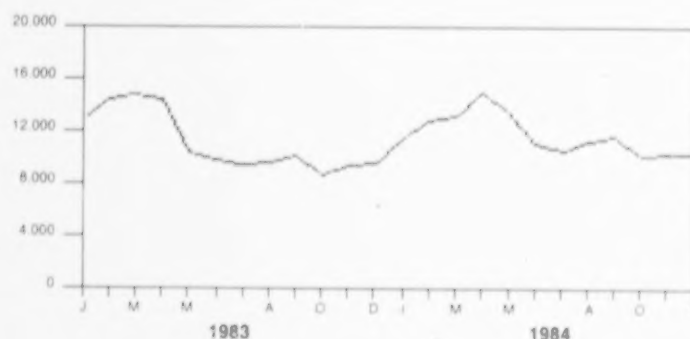
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	639	617	625	622	617	627
Number of Firms	106	101	101	100	99	98
Average Weekly Earnings	\$214.40	\$247.74	\$272.97	\$288.13	\$302.21	\$314.69

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	181	29.01 ***	CLERICAL WORKERS (cont.)		
Embalmer	170	27.24 ***	Receptionist	52	8.33 *
Musician, Instrumental	10	1.60	Secretary	29	4.65
MANAGERS & OFFICERS	151	24.20 ***	SERVICE WORKERS	119	19.07 **
CLERICAL WORKERS	132	21.15 ***	Funeral Attendant	66	10.58 **
Bookkeeper	14	2.24	Janitor/Porter/Cleaner	33	5.29 *
General Clerk	17	2.72	Mortuary Beautician	15	2.40
			LABORERS EXCEPT FARM	24	3.85
			Gardener/Groundskeeper	23	3.69

1983-91 Growth Rate . . . 21.95%

1984 New Hire Rate . . . 203.29%

1991 Proj. Employment . . . 2,000



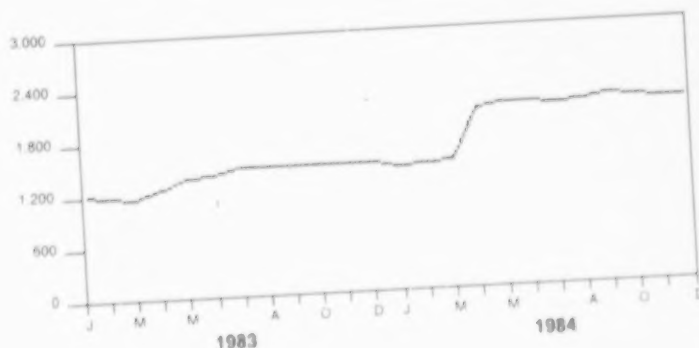
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,126	1,322	1,660	1,674	1,626	1,745
Number of Firms	161	213	238	244	234	266
Average Weekly Earnings	\$110.21	\$117.69	\$115.90	\$129.13	\$141.13	\$142.10

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	203	12.35 **	CLERICAL WORKERS (cont.)		
Dietitian/Nutritionist	30	1.82	Statistical Clerk	116	7.06 *
Nurse Professional	45	2.74	Switchboard Oper./Receptionist	10	0.61
Tax Preparer	83	5.05 *	CRAFT WORKERS & SUPERVISORS	33	2.01
MANAGERS & OFFICERS	202	12.29 **	Alteration Tailor	19	1.16
SALES WORKERS	160	10.22 **	Maintenance Repairer, Gen Utility	11	0.67
Sales Clerk	80	4.87	OPERATIVES	36	2.19
Sales Representative	88	5.35 *	Mach Presser, Laundry	10	0.61
CLERICAL WORKERS	307	23.54 ***	SERVICE WORKERS	615	37.41 ****
Accounting Clerk	18	1.09	Checkroom &/or Locker-Room Atten	18	1.09
Bookkeeper	22	1.34	Escort &/or Chaperon	28	1.70
Cashier	19	1.16	Food Service Worker	15	0.91
General Clerk	74	4.50	Guard/Doorkeeper	11	0.67
Receptionist	87	5.29 *	Instructor, Reducing	422	25.67 ***
Shipping & Receiving Clerk	15	0.91	Janitor/Porter/Cleaner	22	1.34
			Masseur or Masseuse	65	3.95

1983-91 Growth Rate ... 0.81%

1984 New Hire Rate ... 125.38%

1991 Proj. Employment ... 1,366



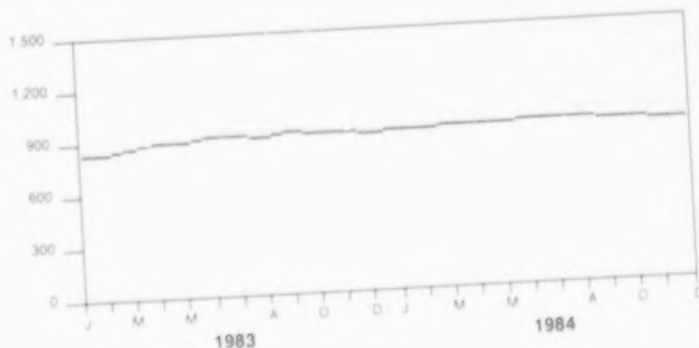
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,044	1,048	1,089	1,102	1,352	1,916
Number of Firms	158	162	168	162	163	175
Average Weekly Earnings	\$301.12	\$327.94	\$339.38	\$357.59	\$329.30	\$383.64

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	244	17.90 **	CLERICAL WORKERS (cont.)		
Commercial Artist	108	7.92 *	Receptionist	16	1.17
Media Analyst	29	2.13	Secretary	55	4.04
Public Relations Practitioner	18	1.32	Switchboard Oper./Receptionist	13	0.95
Writer &/or Editor	66	4.84	Telephone Ad Taker, Newspaper	10	0.73
MANAGERS & OFFICERS	118	8.66 *	Typist/Word Processor	27	1.98
SALES WORKERS	275	20.18 ***	CRAFT WORKERS & SUPERVISORS ..	145	10.64 **
Media Buyer	73	5.36 *	Compositor &/or Typesetter	15	1.10
Sales Representative	197	14.45 **	Press Operator &/or Plate Printer	37	2.71
CLERICAL WORKERS	293	21.50 ***	Stripper	23	1.69
Accounting Clerk	12	0.88	Supervisor, Nonworking Exc Service	22	1.61
Bookkeeper	45	3.30	OPERATIVES	254	18.64 **
Clerical Supervisor	13	0.95	Delivery Driver & Route Worker	15	1.10
Estimator, Media Clerk	27	1.98	Press Assistant/Feeder	44	3.23
General Clerk	34	2.49	Production Packager	169	12.40 **
Production Clerk	25	1.83	LABORERS EXCEPT FARM	27	1.98

1983-91 Growth Rate . . . 33.93%

1984 New Hire Rate . . . 88.59%

1991 Proj. Employment . . . 1,192



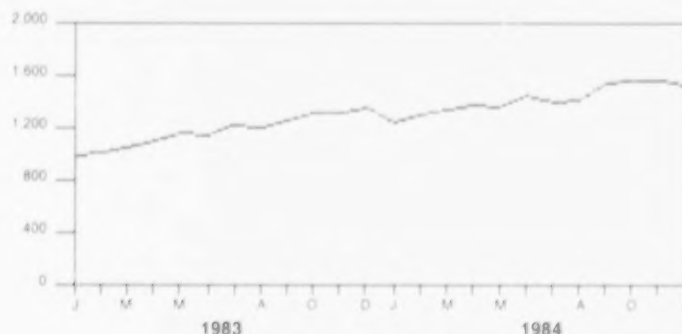
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	988	992	955	876	885	920
Number of Firms	107	107	110	111	115	120
Average Weekly Earnings	\$184.46	\$199.42	\$221.77	\$232.38	\$244.73	\$255.03

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	108	12.12 **	CLERICAL WORKERS (cont.)		
SALES WORKERS	59	6.62 *	File Clerk	50	5.61 *
Sales Representative	59	6.62 *	General Clerk	35	3.93
CLERICAL WORKERS	717	80.47 *****	In File Operator	27	3.03
Bookkeeper	21	2.36	Receptionist	13	1.46
Clerical Supervisor	12	1.35	Secretary	29	3.25
Collector	324	36.36 ****	Typist/Word Processor	56	6.29 *
Credit Reporter &/or Investigator	65	7.30 *			

1983-91 Growth Rate ... 44.76%

1984 New Hire Rate ... 147.27%

1991 Proj. Employment ... 1,698



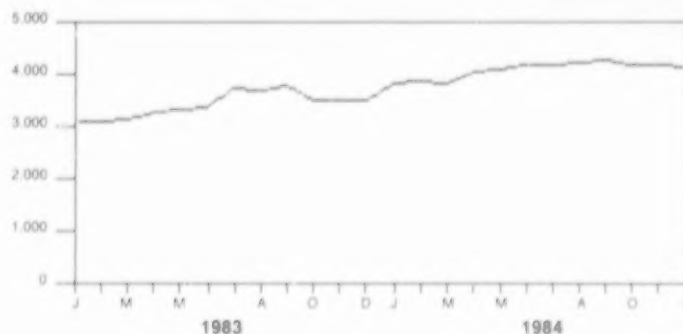
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	703	819	933	1,004	1,170	1,393
Number of Firms	134	157	179	187	210	229
Average Weekly Earnings	\$206.22	\$230.62	\$243.45	\$238.77	\$258.85	\$279.45

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	200	17.77 **	CLERICAL WORKERS (cont.)		
Commercial Artist	71	6.04 *	Order Clerk	10	0.85
Photographer, Portrait/Commercial	93	7.91 *	Receptionist	13	1.11
Writer &/or Editor	26	2.21	Secretary	16	1.36
MANAGERS & OFFICERS	119	10.12 **	Stenographer	36	3.06
SALES WORKERS	85	7.23 *	Switchboard Oper./Receptionist	21	1.79
Sales Clerk	15	1.28	Typist/Word Processor	57	4.85
Sales Representative	70	5.95 *	CRAFT WORKERS & SUPERVISORS ..	85	7.23 *
CLERICAL WORKERS	533	45.32 *****	Bindery Worker, Assembly	15	1.28
Addressing Machine Operator	25	2.13	Compositor &/or Typesetter	19	1.62
Bookkeeper	29	2.47	Press Operator &/or Plate Printer	37	3.15
Duplicating Machine Operator	58	4.93	OPERATIVES	116	9.86 *
General Clerk	22	1.87	Delivery Driver & Route Worker	21	1.79
Inserting &/or Labeling Mach Oper	93	7.91 *	Developer &/or Projection Printer	46	3.91
Mail Clerk	17	1.45	Shipping Packer	18	1.53
Maier	76	6.46 *	LABORERS EXCEPT FARM	29	2.47

1983-91 Growth Rate . . . 17.53%

1984 New Hire Rate . . . 194.41%

1991 Proj. Employment . . . 4,010



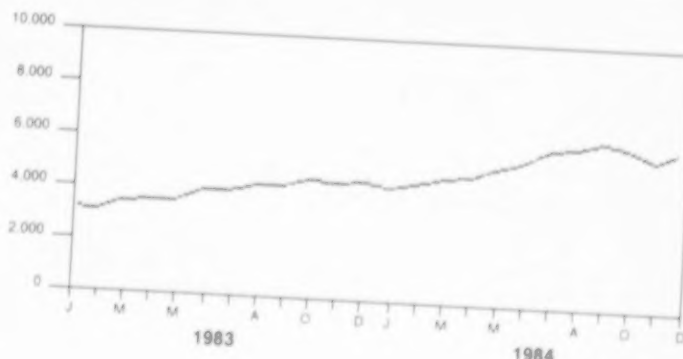
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	3,613	3,643	3,400	3,211	3,385	4,049
Number of Firms	514	523	528	507	521	526
Average Weekly Earnings	\$118.15	\$127.02	\$141.37	\$150.21	\$160.40	\$166.94

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	116	3.40	OPERATIVES	124	3.63
SALES WORKERS	68	1.99	Delivery Driver & Route Worker	11	0.32
Sales Representative	68	1.99	Exterminator	76	2.23
CLERICAL WORKERS	119	3.49	Termite Treater	12	0.35
Bookkeeper	24	0.70	SERVICE WORKERS	2,913	85.38 *****
General Clerk	40	1.17	Cleaner, Housekeeping	95	2.78
Payroll &/or Timekeeping Clerk	15	0.44	Housecleaner	187	5.48 *
Secretary	26	0.76	Janitor/Porter/Cleaner	2,551	74.77 *****
CRAFT WORKERS & SUPERVISORS ..	58	1.70	Window Washer	73	2.14
Maintenance Repairer, Gen Utility	10	0.29	LABORERS EXCEPT FARM	11	0.32
Supervisor, Nonworking Exc Service ..	34	1.00			

1983-91 Growth Rate ... 26.49%

1984 New Hire Rate ... 451.44%

1991 Proj. Employment ... 4,909



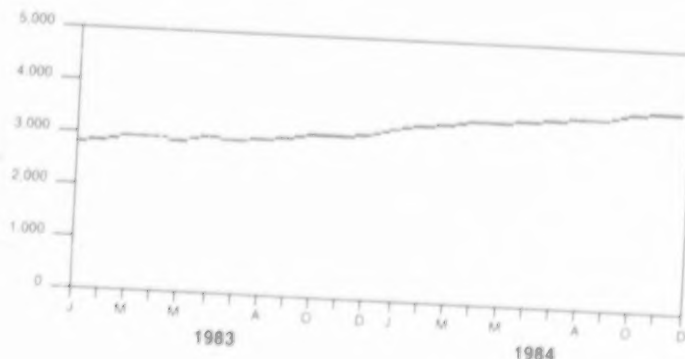
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	5,701	5,767	5,226	4,124	3,876	5,513
Number of Firms	195	205	201	184	166	166
Average Weekly Earnings	\$147.78	\$176.95	\$199.33	\$209.73	\$187.03	\$194.25

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	607	15.64 **	CLERICAL WORKERS (cont.)		
Community Organization Worker	11	0.28	Shipping & Receiving Clerk	15	0.39
Dental Hygienist	11	0.28	Switchboard Oper	14	0.36
Drafter	46	1.18	Typist/Word Processor	381	9.81 *
Eligibility Worker, Welfare	11	0.28	CRAFT WORKERS & SUPERVISORS ..	68	1.75
Employment Interviewer	287	7.39 *	Body Repairer, Automotive	12	0.31
Nurse Professional	173	4.46	Diesel Mechanic	20	0.52
Vocational & Educational Counselr ..	32	0.82	OPERATIVES	470	12.11 **
MANAGERS & OFFICERS	174	4.48	Assembler	54	1.39
SALES WORKERS	40	1.03	Driver, Assembly	79	2.04
Demonstrator	17	0.44	Truck Driver	306	7.88 *
Sales Representative	22	0.57	Veneer Repairer, Mach	12	0.31
CLERICAL WORKERS	1,382	35.60 ****	SERVICE WORKERS	404	10.41 **
Accounting Clerk	43	1.11	Dental Assistant	13	0.33
Bookkeeper	59	1.52	Housecleaner	71	1.83
File Clerk	53	1.37	Janitor/Porter/Cleaner	47	1.21
General Clerk	285	7.34 *	Licensed Practical Nurse	93	2.40
Key Punch/Data Entry Oper	67	1.73	Nurse Aide/Orderly	64	1.65
Payroll &/or Timekeeping Clerk	15	0.39	LABORERS EXCEPT FARM	736	18.96 **
Receptionist	123	3.17	Helper, Trades	16	0.41
Secretary	267	6.88 *	Offbearer Millwork	27	0.70

1983-91 Growth Rate ... 46.28%

1984 New Hire Rate ... 81.59%

1991 Proj. Employment ... 4,289



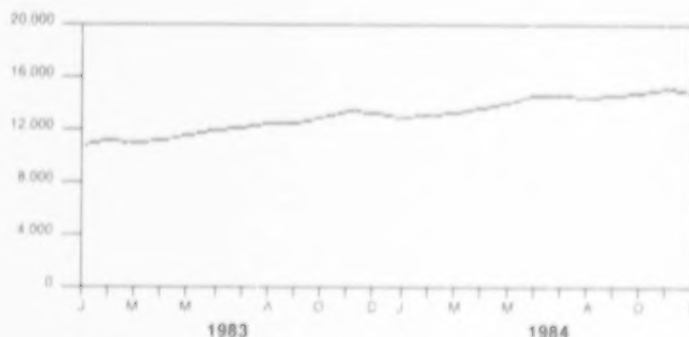
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,455	2,620	2,700	2,682	2,925	3,539
Number of Firms	197	235	265	282	322	365
Average Weekly Earnings	\$273.92	\$301.44	\$347.87	\$393.17	\$434.97	\$474.11

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	862	19.44 ***	CLERICAL WORKERS (cont.)		
Accountant/Auditor	61	2.08	Computer Operator	228	7.79 *
Computer Programmer	312	10.66 **	Control Clerk, Data Processing	37	1.26
Electrical/Electronic Engineer	13	0.44	Customer Service Representative	12	0.41
Electrical/Electronic Tech	33	1.13	General Clerk	42	1.43
Personnel & Labor Relations Spec	12	0.41	Key Punch/Data Entry Oper	523	17.86 **
Systems Analyst, EDP	297	10.14 **	Peripheral Equip Oper	10	0.34
Teacher, Vocational Education	18	0.61	Production Clerk	13	0.44
Writer &/or Editor	25	0.85	Secretary	72	2.46
MANAGERS & OFFICERS	381	13.01 **	Shipping & Receiving Clerk	12	0.41
SALES WORKERS	197	6.73 *	Stock Clerk, Storeroom & Warehouse	11	0.38
Sales Representative	197	6.73 *	Switchboard Oper/Receptionist	48	1.64
CLERICAL WORKERS	1,450	49.52 *****	Typist/Word Processor	143	4.88
Accounting Clerk	82	2.80	CRAFT WORKERS & SUPERVISORS	17	0.58
Bookkeeper	12	0.41	OPERATIVES	21	0.72
Clerical Supervisor	44	1.50	Delivery Driver & Route Worker	20	0.68

1983-91 Growth Rate ... 14.59%

1984 New Hire Rate ... 157.31%

1991 Proj. Employment ... 14,020



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	10,730	11,384	11,414	11,097	12,169	14,151
Number of Firms	1,237	1,323	1,413	1,437	1,558	1,718
Average Weekly Earnings	\$207.09	\$225.26	\$244.21	\$256.39	\$267.48	\$274.56

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	1,130	9.25 *	MANAGERS & OFFICERS	1,413	11.57 **
Accountant/Auditor	113	0.93	Purchasing Agent &/or Buyer	20	0.16
Actor or Actress	40	0.33	SALES WORKERS	862	7.06 *
Agricultural Scientist	29	0.24	Contribution Solicitor	21	0.17
Airplane Pilot	16	0.13	Demonstrator	19	0.16
Biological Science Tech	27	0.22	Sales Clerk	241	1.97
Biological Scientist	14	0.11	Sales Representative	566	4.63
Chemist	29	0.24	CLERICAL WORKERS	2,830	23.17 ***
Civil Engineer	14	0.11	Accounting Clerk	101	0.83
Civil Engineering Technician	43	0.35	Appraiser	29	0.24
Commercial Artist	45	0.37	Bookkeeper	237	1.94
Computer Programmer	14	0.11	Bookkeeping & Billing Mach Oper	14	0.11
Designer	65	0.53	Clerical Supervisor	26	0.21
Drafter	87	0.71	Collector	19	0.16
Economist	13	0.11	Computer Operator	39	0.32
Electrical/Electronic Engineer	29	0.24	Dispatcher, Vehicle Service/Work	50	0.41
Electrical/Electronic Tech	50	0.41	File Clerk	32	0.26
Lawyer	17	0.14	General Clerk	247	2.02
Market Research Analyst	23	0.19	Key Punch/Data Entry Oper	78	0.64
Mechanical Engineering Tech	18	0.15	Messenger	14	0.11
Public Relations Practitioner	41	0.34	Order Clerk	42	0.34
Statistician	18	0.15	Payroll &/or Timekeeping Clerk	26	0.21
Surveyor	15	0.12	Peripheral Equip Oper	10	0.08
Systems Analyst, EDP	14	0.11	Production Clerk	21	0.17
Tester	44	0.36	Protective Signal Oper	11	0.09
Writer &/or Editor	23	0.19	Receptionist	48	0.39

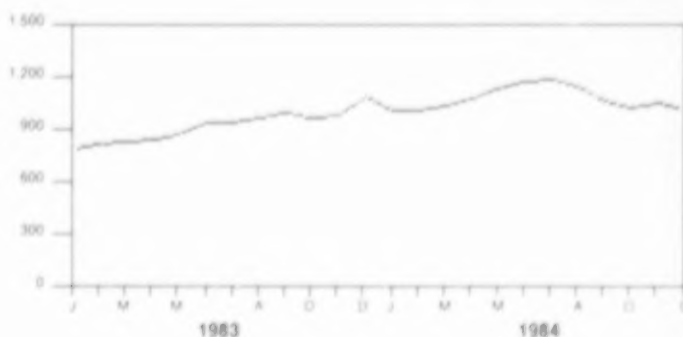
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CLERICAL WORKERS (cont.)			OPERATIVES		
Secretary	280	2.29	Assembler	10	0.08
Shipping & Receiving Clerk	31	0.25	Copy-Camera Operator	18	0.15
Statistical Clerk	34	0.28	Delivery Driver & Route Worker	334	2.73
Stock Clerk, Storeroom & Warehouse	197	1.61	Developer &/or Projection Printer	116	0.95
Survey Worker	288	2.36	Folder, Hand	10	0.08
Switchboard Oper./Receptionist	118	0.97	Mill/Grinder Oper., Mineral	34	0.28
Switchboard Oper	477	3.91	Mult Photo Print Oper	80	0.66
Typist/Word Processor	143	1.17	Negative Cutter & Spotter	25	0.20
CRAFT WORKERS & SUPERVISORS ..	1,377	11.27 **	Oiler	26	0.21
Automotive Mechanic	31	0.25	Photo Checker & Assembler	81	0.66
Bindery Worker, Assembly	13	0.11	Print Developer, Machine	43	0.35
Carpenter	23	0.19	Production Packager	76	0.62
Crane, Derrick & Hoist Operator	44	0.36	Screen or Stencil Printer/Setter	19	0.16
Diesel Mechanic	61	0.50	Sewing Mach (Reg) Oper, Garment	15	0.12
Electrician	19	0.16	Shipping Packer	28	0.23
Gasoline Engine/Mower Repairer	77	0.63	Truck Driver	51	0.42
Heavy Equipment Operator	31	0.25	Welder/Flamecutter	12	0.10
Inspector	78	0.64	SERVICE WORKERS	2,671	21.87 ***
Loader Engineer	11	0.09	Detective	104	0.85
Log Inspector/Grader/Scaler	351	2.87	Fire Fighter	39	0.32
Lumber Grader	33	0.27	Guard/Doorkeeper	2,270	18.59 **
Machinist	37	0.30	Housecleaner	17	0.14
Maintenance Mechanic	14	0.11	Janitor/Porter/Cleaner	28	0.23
Maintenance Repairer, Gen Utility	126	1.03	Luggage Porter	35	0.29
Office Mach/Cash Reg Servicer	106	0.87	Security Checker	75	0.61
Press Operator &/or Plate Printer	17	0.14	Store Detective	33	0.27
Protective Signal Inst	10	0.08	LABORERS EXCEPT FARM	844	6.91 *
Sign Erector	30	0.25	Choke Setter	11	0.09
Stripper	18	0.15	Helper, Trades	18	0.15
Supervisor, Nonworking Exc Service	73	0.60	Order Filler	14	0.11
Supervisor, Nonworking Service	57	0.47	Stock Clerk, Sales Floor	43	0.35

1983-91 Growth Rate . . . 25.03%

1984 New Hire Rate . . . 105.91%

1991 Proj. Employment . . . 1,144



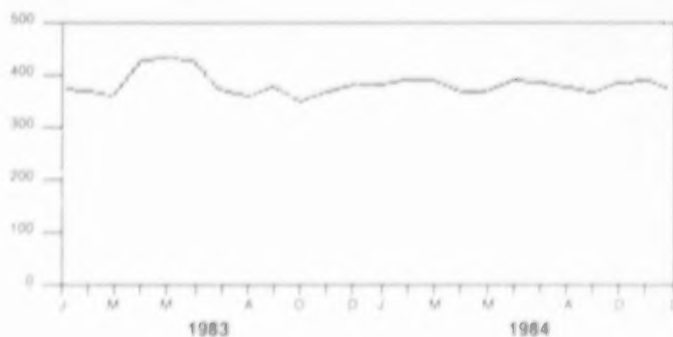
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	830	889	925	820	913	1,067
Number of Firms	92	100	108	101	95	96
Average Weekly Earnings	\$233.34	\$255.69	\$253.35	\$262.27	\$273.12	\$283.21

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	137	14.91 **	CRAFT WORKERS & SUPERVISORS ..	111	12.08 **
SALES WORKERS	41	4.46	Automotive Mechanic	55	5.98 *
Sales Representative	41	4.46	Diesel Mechanic	44	4.79
CLERICAL WORKERS	193	21.00 ***	OPERATIVES	328	35.69 ****
Accounting Clerk	11	1.20	Deliverer, Car	15	1.63
Bookkeeper	17	1.85	Gas Station Attendant	39	4.24
Car Rental Clerk	113	12.30 **	Parking Lot Attendant	141	15.34 **
General Clerk	24	2.61	Trailer Rental Attendant	99	10.77 **
Secretary	12	1.31	Truck Driver	16	1.74
			LABORERS EXCEPT FARM	102	11.10 **
			Cleaner, Vehicle	62	6.75 *

1983-91 Growth Rate . . . 22.08%

1984 New Hire Rate . . . 114.13%

1991 Proj. Employment . . . 470



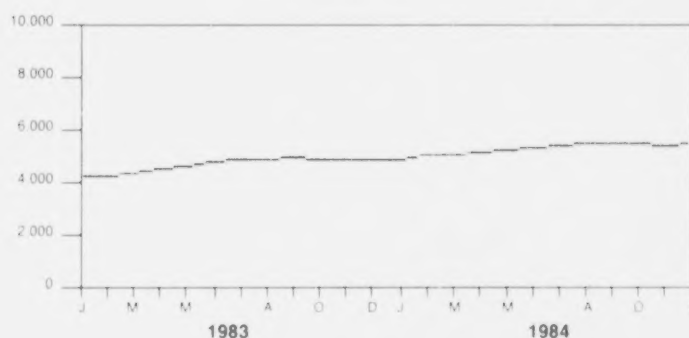
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	373	361	380	355	383	382
Number of Firms	19	19	19	17	16	17
Average Weekly Earnings	\$139.49	\$160.16	\$163.00	\$170.92	\$169.01	\$196.71

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	25	6.43 *	OPERATIVES	306	78.66 *****
CLERICAL WORKERS	18	4.63	Chauffeur	21	5.40 *
CRAFT WORKERS & SUPERVISORS ..	13	3.34	Parking Lot Attendant	285	73.26 *****
			SERVICE WORKERS	23	5.91 *
			Guard/Doorkeeper	23	5.91 *

1983-91 Growth Rate . . . 16.53%

1984 New Hire Rate . . . 122.23%

1991 Proj. Employment . . . 5,500



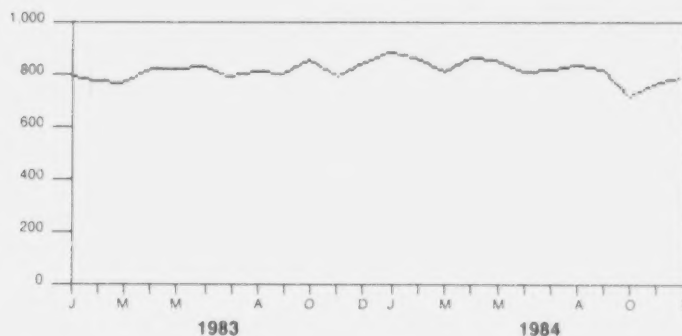
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,792	4,637	4,544	4,354	4,675	5,293
Number of Firms	1,136	1,119	1,096	1,057	1,098	1,193
Average Weekly Earnings	\$252.45	\$273.79	\$285.27	\$295.37	\$300.96	\$307.30

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	10	0.21	CRAFT WORKERS & SUPERVISORS (cont.)		
MANAGERS & OFFICERS	505	10.71 **	Machinist	71	1.51
SALES WORKERS	98	2.08	Supervisor, Nonworking Exc Service	59	1.25
Sales Representative	98	2.08	OPERATIVES	813	17.24 **
CLERICAL WORKERS	531	11.26 **	Delivery Driver & Route Worker	28	0.59
Bookkeeper	126	2.67	Gas Station Attendant	90	1.91
General Clerk	265	5.62 *	Painter, Automotive	394	8.35 *
Receptionist	13	0.28	Painter, Production	31	0.66
Secretary	31	0.66	Tire Fabricator &/or Repair	125	2.65
Stock Clerk, Storeroom & Warehouse	78	1.65	Truck Driver	43	0.91
CRAFT WORKERS & SUPERVISORS	2,471	52.38 *****	Welder/Flamecutter	53	1.12
Auto Seat Cov/Vinyl Top Installer	18	0.38	SERVICE WORKERS	60	1.27
Automotive Mechanic	1,257	26.65 ***	Janitor/Porter/Cleaner	60	1.27
Body Repairer, Automotive	693	14.69 **	LABORER S EXCEPT FARM	229	4.85
Diesel Mechanic	257	5.45 *	Cleaner, Vehicle	63	1.34
Glass Installer	94	1.99	Helper, Trades	121	2.57

1983-91 Growth Rate . . . 42.73%

1984 New Hire Rate . . . 243.23%

1991 Proj. Employment . . . 1,149



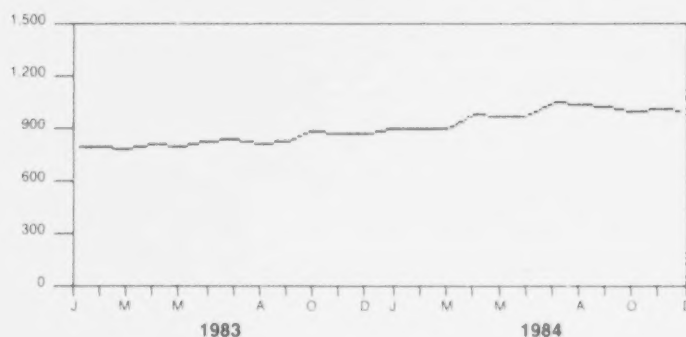
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,030	1,004	917	790	800	812
Number of Firms	140	128	120	106	105	115
Average Weekly Earnings	\$154.51	\$168.97	\$175.48	\$175.35	\$174.11	\$176.87

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	100	12.36 **	OPERATIVES	255	31.52 ****
CLERICAL WORKERS	75	9.27 *	Gas Station Attendant	136	16.81 **
Cashier	24	2.97	Truck Driver	110	13.60 **
Dispatcher, Vehicle Service/Work	11	1.36	SERVICE WORKERS	15	1.85
General Clerk	25	3.09	LABORERS EXCEPT FARM	314	38.81 ****
CRAFT WORKERS & SUPERVISORS ..	47	5.81 *	Cleaner, Vehicle	314	38.81 ****
			Automotive Mechanic	24	2.97

1983-91 Growth Rate ... 25.18%

1984 New Hire Rate ... 82.93%

1991 Proj. Employment ... 1,064



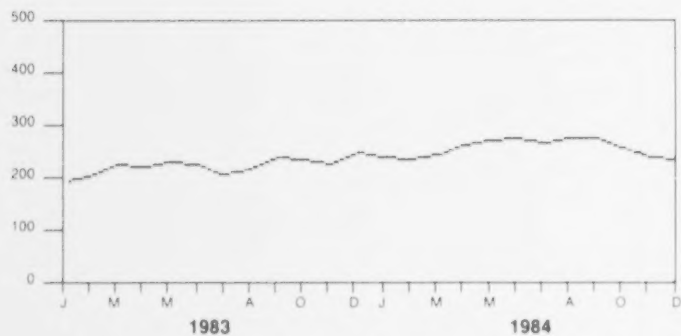
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	791	821	777	796	839	983
Number of Firms	216	214	203	202	192	215
Average Weekly Earnings	\$230.98	\$264.92	\$280.94	\$286.15	\$302.15	\$308.85

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	37	4.34	CLERICAL WORKERS (cont.)		
Electrical/Electronic Tech	27	3.17	Secretary	24	2.92
MANAGERS & OFFICERS	112	13.15 **	Stock Clerk, Storeroom & Warehouse	15	1.76
SALES WORKERS	38	4.46	CRAFT WORKERS & SUPERVISORS ..	475	55.75 *****
Sales Clerk	16	1.88	Electrician	12	1.41
Sales Representative	22	2.58	Household Appliance Repairer	99	11.62 **
CLERICAL WORKERS	176	20.66 ***	Radio Mechanic	40	4.69
Bookkeeper	31	3.64	Refrigeration Mechanic	67	7.86 *
General Clerk	78	9.15 *	TV/Radio/Tape Deck Repairer	217	25.47 ***
			OPERATIVES	12	1.41

1983-91 Growth Rate . . . 32.30%

1984 New Hire Rate . . . 120.18%

1991 Proj. Employment . . . 299



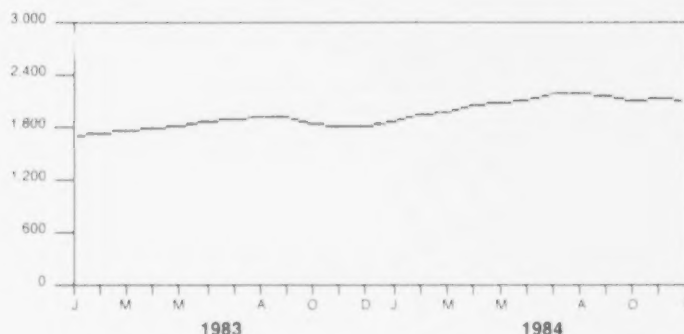
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	279	259	218	190	221	255
Number of Firms	114	104	90	79	86	88
Average Weekly Earnings	\$183.89	\$191.12	\$205.77	\$217.51	\$218.95	\$221.79

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	18	7.93 *	OPERATIVES	28	12.33 **
SALES WORKERS	14	6.17 *	Sewing Mach (Reg) Oper, Nongarment	22	9.69 *
Sales Representative	14	6.17 *	LABORERS EXCEPT FARM	10	4.41
CLERICAL WORKERS	20	8.81 *	Helper, Trades	10	4.41
CRAFT WORKERS & SUPERVISORS ..	136	59.91 *****			
Furniture Finisher	33	14.54 **			
Furniture Upholsterer	99	43.61 *****			

1983-91 Growth Rate ... 33.48%

1984 New Hire Rate ... 123.78%

1991 Proj. Employment ... 2,412



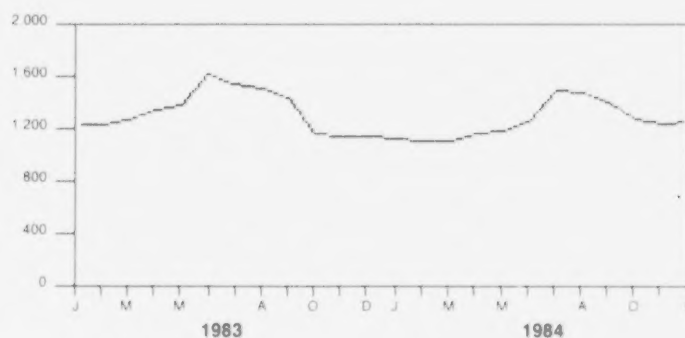
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,958	1,889	1,764	1,711	1,792	2,050
Number of Firms	421	433	434	428	435	471
Average Weekly Earnings	\$268.28	\$274.79	\$289.96	\$299.11	\$295.67	\$311.66

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	23	1.28	CRAFT WORKERS & SUPERVISORS (cont.)		
Electrical/Electronic Tech	18	1.00	Locksmith	46	2.55
MANAGERS & OFFICERS	211	11.70 **	Machinist	76	4.22
SALES WORKERS	79	4.38	Maintenance Mechanic	52	2.88
Sales Representative	70	3.88	Maintenance Repairer, Gen Utility	14	0.78
CLERICAL WORKERS	259	14.36 **	Plumber &/or Pipefitter	20	1.11
Bookkeeper	68	3.77	Supervisor, Nonworking Exc Service	16	0.89
General Clerk	109	6.05 *	Tool & Die Maker	12	0.67
Secretary	41	2.27	OPERATIVES	351	19.47 **
Shipping & Receiving Clerk	18	1.00	Filer/Grinder/Buffer/Cleaner	48	2.66
CRAFT WORKERS & SUPERVISORS ..	730	40.49 *****	Painter, Production	13	0.72
Automotive Mechanic	69	3.83	Saw Filer	12	0.67
Bicycle Repairer	12	0.67	Truck Driver	13	0.72
Boiler Maker	23	1.28	Welder/Flamecutter	243	13.48 **
Camera Repairer	21	1.16	SERVICE WORKERS	23	1.28
Carpenter	18	1.00	Janitor/Porter/Cleaner	11	0.61
Diesel Mechanic	25	1.39	LABORERS EXCEPT FARM	127	7.04 *
Electric Motor Repairer	237	13.14 **	Helper, Trades	38	2.11
Instrument Mechanic	17	0.94	Septic-Tank Servicer	82	4.55

1983-91 Growth Rate ... 5.12%

1984 New Hire Rate ... 135.43%

1991 Proj. Employment ... 1,396



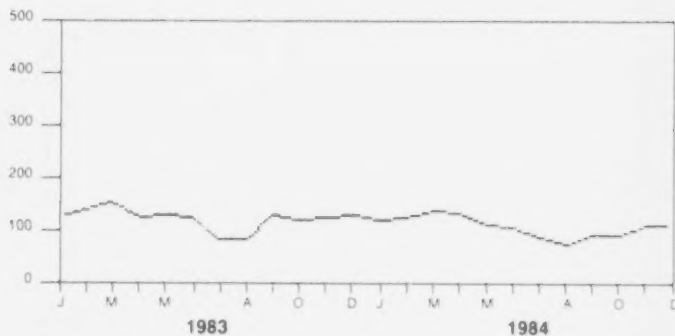
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,434	1,525	1,505	1,458	1,325	1,246
Number of Firms	80	71	71	68	71	78
Average Weekly Earnings	\$88.19	\$85.68	\$91.34	\$96.97	\$99.25	\$103.24

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
MANAGERS & OFFICERS	178	13.42 **	CRAFT WORKERS & SUPERVISORS ..	251	18.93 **
Purchasing Agent &/or Buyer	16	1.21	Motion Picture Projectionist	241	18.17 **
SALES WORKERS	224	16.89 **	SERVICE WORKERS	405	30.54 ****
Sales Clerk	224	16.89 **	Fast Food Prep/Serv Worker	25	1.89
CLERICAL WORKERS	259	19.53 **	Guard/Doorkeeper	14	1.06
Bookkeeper	15	1.13	Janitor/Porter/Cleaner	111	8.37 *
Cashier	212	15.99 **	Usher/Lobby Attend/Ticket Taker	252	19.00 **

1983-91 Growth Rate . . . 9.52%

1984 New Hire Rate . . . 136.46%

1991 Proj. Employment . . . 138



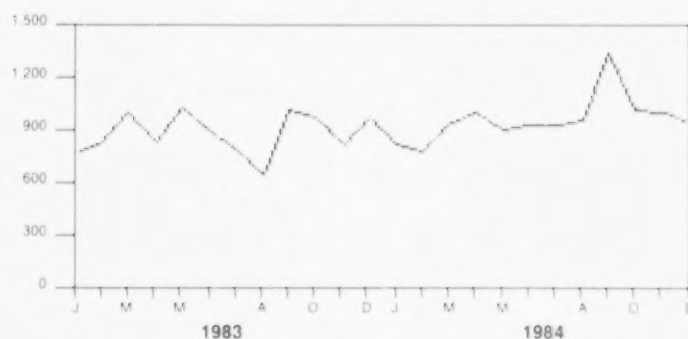
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	202	212	193	168	124	111
Number of Firms	37	39	40	37	33	28
Average Weekly Earnings	\$60.85	\$66.32	\$55.31	\$53.64	\$65.34	\$75.25

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	114	89.76 *****	CLERICAL WORKERS	10	7.87 *
Dance Instructor	81	63.78 *****			
Dancer	16	12.60 **			
Musician, Instrumental	13	10.24 **			

1983-91 Growth Rate ... -35.95%

1984 New Hire Rate ... 142.61%

1991 Proj. Employment ... 572



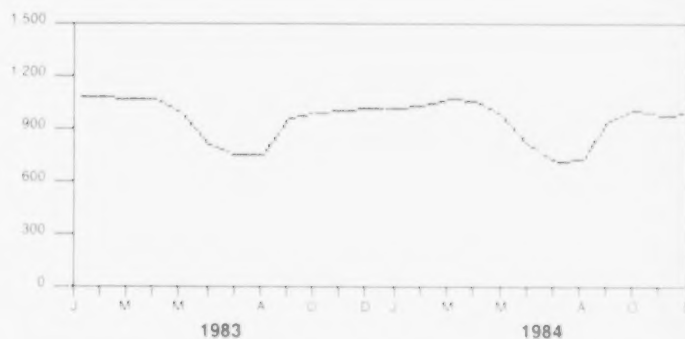
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	899	812	807	848	885	966
Number of Firms	125	110	106	100	96	101
Average Weekly Earnings	\$94.57	\$118.22	\$145.19	\$160.11	\$170.25	\$179.42

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	602	67.19 *****	CRAFT WORKERS & SUPERVISORS ..	14	1.56
Actor or Actress	47	5.25 *	OPERATIVES	27	3.01
Dancer	14	1.56	Sewer, Custom	23	2.57
Music Director	12	1.34	SERVICE WORKERS	45	5.02 *
Musician, Instrumental	485	54.13 *****	Usher/Lobby Attend/Ticket Taker	32	3.57
MANAGERS & OFFICERS	66	7.37 *	LABORERS EXCEPT FARM	69	7.70 *
CLERICAL WORKERS	69	7.70 *	Property Handler	66	7.37 *
Cashier	36	4.02			
Secretary	13	1.45			

1983-91 Growth Rate . . . -18.37%

1984 New Hire Rate . . . 95.81%

1991 Proj. Employment . . . 782



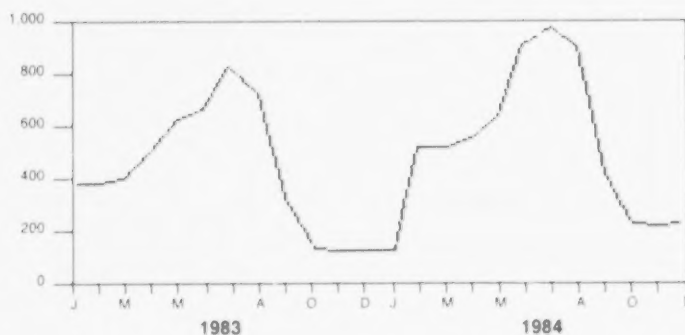
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,225	1,201	1,101	1,003	953	928
Number of Firms	109	104	102	96	93	91
Average Weekly Earnings	\$111.47	\$118.51	\$124.49	\$132.45	\$136.85	\$141.22

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	15	1.56	SERVICE WORKERS	736	76.59 *****
Sports Instructor	12	1.25	Bartender	55	5.72 *
MANAGERS & OFFICERS	57	5.93 *	Child Care Attendant	90	9.37 *
CLERICAL WORKERS	38	3.95	Cook, Short Order	90	9.37 *
Bookkeeper	14	1.46	Counter Attendant, Cafeteria	48	4.99
CRAFT WORKERS & SUPERVISORS	106	11.03 **	Desk Clerk, Bowling Floor	233	24.25 ***
Maintenance Repairer, Gen Utility	11	1.14	Janitor/Porter/Cleaner	57	5.93 *
Pinsetter Mechanic, Automatic	94	9.78 *	Pinchaser	89	9.26 *
			Waiter or Waitress	49	5.10 *

1983-91 Growth Rate . . . -18.60%

1984 New Hire Rate . . . 235.22%

1991 Proj. Employment . . . 350



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	482	487	495	480	429	510
Number of Firms	47	40	40	39	35	38
Average Weekly Earnings	\$271.51	\$296.54	\$301.84	\$332.20	\$354.30	\$401.37

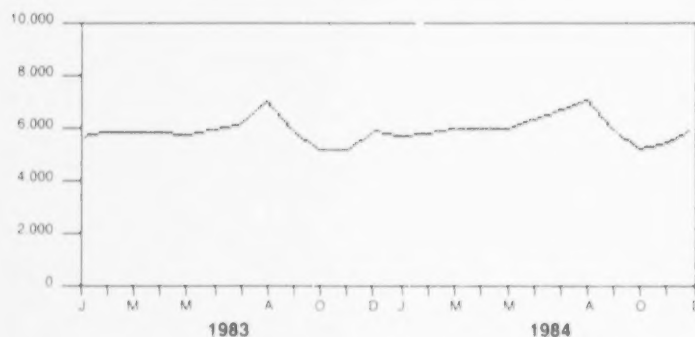
Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	105	24.53 ***	SERVICE WORKERS	96	22.43 ***
Announcer	10	2.34	Guard/Doorkeeper	25	5.84 *
Athlete	40	9.35 *	Janitor/Porter/Cleaner	19	4.44
Umpire	23	5.37 *	Ride Operator	12	2.80
MANAGERS & OFFICERS	41	9.58 *	Usher/Lobby Attend/Ticket Taker	27	6.31 *
CLERICAL WORKERS	148	34.58 ****	FARM WORKERS	23	5.37 *
Cashier	122	28.50 ***	Animal Caretaker	23	5.37 *

799 MISC AMUSEMENT, RECREATIONAL SERVICES 799

1983-91 Growth Rate ... 51.26%

1984 New Hire Rate ... 165.88%

1991 Proj. Employment ... 8,537



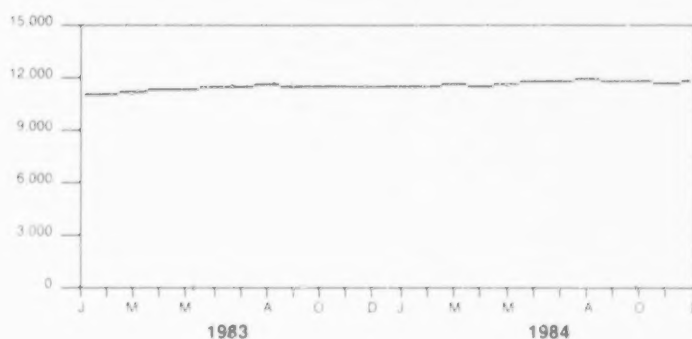
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,725	5,171	5,378	5,646	5,702	5,918
Number of Firms	453	459	485	518	516	511
Average Weekly Earnings	\$126.04	\$131.37	\$146.98	\$152.02	\$157.40	\$156.72

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	674	11.95 **	SERVICE WORKERS	2,617	46.40 *****
Group Recreation Worker	210	3.72	Bartender	118	2.09
Sports Instructor	369	6.54 *	Checkroom &/or Locker-room Atten ..	39	0.69
Umpire	15	0.27	Child Care Attendant	45	0.80
MANAGERS & OFFICERS	439	7.78 *	Cleaner, Housekeeping	28	0.50
Chief Exec, Gen Admin & Legis	11	0.20	Cook, Institutional	10	0.18
SALES WORKERS	273	4.84	Cook, Restaurant	104	1.84
Sales Clerk	136	2.41	Cook, Short Order	55	0.98
Sales Representative	134	2.38	Counter Attendant, Cafeteria	58	1.03
CLERICAL WORKERS	630	11.17 **	Dining Room Attendant	91	1.61
Accounting Clerk	30	0.53	Fast Food Prep/Serv Worker	53	0.94
Bookkeeper	73	1.29	Guard/Doorkeeper	47	0.83
Cashier	178	3.16	Guide, Sightseeing	35	0.62
General Clerk	145	2.57	Host/Hostess	12	0.21
Receptionist	62	1.10	Janitor/Porter/Cleaner	176	3.12
Secretary	74	1.31	Kitchen Helper	107	1.90
Switchboard Oper/Receptionist	12	0.21	Lifeguard	307	5.44 *
Typist/Word Processor	18	0.32	Pantry Work & Sandwich/Coffee Maker	19	0.34
CRAFT WORKERS & SUPERVISORS ..	403	7.15 *	Recreation Facilities Attendant	528	9.36 *
Automotive Mechanic	10	0.18	Ride Operator	356	6.31 *
Coin Machine Servicer	101	1.79	Usher/Lobby Attend/Ticket Taker ...	13	0.23
Maintenance Repairer, Gen Utility	160	2.84	Waiter or Waitress	363	6.44 *
Sewage Plant Operator	10	0.18	LABORERS EXCEPT FARM	529	9.38 *
Supervisor, Nonworking Exc Service ..	14	0.25	Gardener/Groundskeeper	502	8.90 *
Supervisor, Nonworking Service	72	1.28	Helper, Trades	22	0.39
OPERATIVES	20	0.35	FARM WORKERS	55	0.98
Parking Lot Attendant	11	0.20	Animal Caretaker	55	0.98

1983-91 Growth Rate . . . 34.98%

1984 New Hire Rate . . . 58.66%

1991 Proj. Employment . . . 15,266



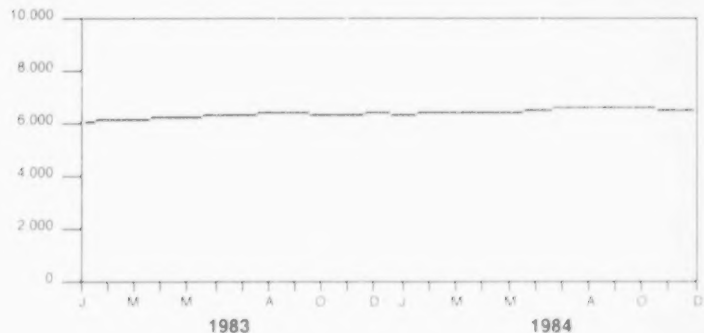
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	9,652	10,133	10,611	10,999	11,265	11,524
Number of Firms	1,782	1,910	2,067	2,161	2,195	2,192
Average Weekly Earnings	\$375.94	\$428.58	\$474.41	\$524.63	\$551.18	\$577.46

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	4,214	37.27 ****	CLERICAL WORKERS (cont.)		
Accountant/Auditor	17	0.15	Key Punch/Data Entry Oper	10	0.09
Audiometrist	19	0.17	Office Machine Oper	16	0.14
Medical Lab Technologist	175	1.55	Payroll &/or Timekeeping Clerk	12	0.11
Nurse Professional	1,360	12.03 **	Receptionist	1,205	10.66 **
Occupational Therapist	13	0.11	Secretary	584	5.17 *
Physical Therapist	13	0.11	Statistical Clerk	25	0.22
Physician &/or Surgeon	2,114	18.70 **	Switchboard Oper/Receptionist	142	1.26
Psychologist	38	0.34	Switchboard Oper	52	0.46
Radiologic &/or Nuclear Med Tech	15	0.13	Typist/Word Processor	267	2.36
X-Ray Technician	356	3.15	CRAFT WORKERS & SUPERVISORS	103	0.91
MANAGERS & OFFICERS	371	3.28	Optic Mech/Dispensing Optician	94	0.83
CLERICAL WORKERS	4,514	39.93 ****	SERVICE WORKERS	2,068	18.29 **
Accounting Clerk	140	1.24	Cleaner, Housekeeping	19	0.17
Bookkeeper	545	4.82	Janitor/Porter/Cleaner	223	1.97
Bookkeeping & Billing Mach Oper	221	1.95	Licensed Practical Nurse	420	3.71
Cashier	84	0.74	Medical Assistant	962	8.51 *
Clerical Supervisor	73	0.65	Medical Lab Assistant	214	1.89
Collector	25	0.22	Nurse Aide/Orderly	56	0.50
Computer Operator	15	0.13	Physicians Assistant	162	1.43
File Clerk	208	1.84	LABORERS EXCEPT FARM	28	0.25
General Clerk	465	4.11	Gardener/Groundskeeper	28	0.25
Insurance Clerk, Medical	401	3.55			

1983-91 Growth Rate ... 35.48%

1984 New Hire Rate ... 80.17%

1991 Proj. Employment ... 8,420



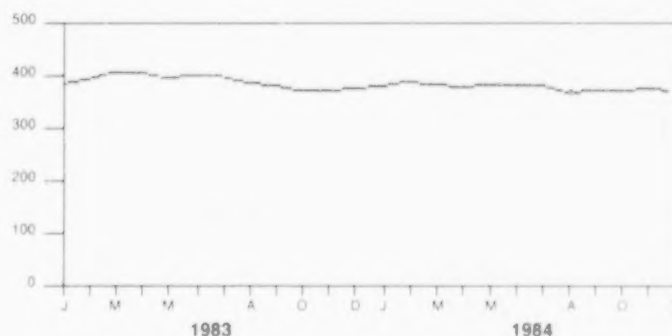
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	5,394	5,529	5,772	5,998	6,179	6,392
Number of Firms	1,433	1,470	1,519	1,530	1,529	1,532
Average Weekly Earnings	\$205.91	\$227.49	\$253.60	\$272.07	\$276.70	\$285.38

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	1,918	30.85 ****	CLERICAL WORKERS (cont.)		
Dental Hygienist	1,171	18.83 **	Receptionist	740	11.90 **
Dentist	691	11.11 **	Secretary	346	5.56 *
Nurse Professional	14	0.23	Switchboard Oper/Receptionist	16	0.26
Physician &/or Surgeon	26	0.42	Switchboard Oper	11	0.19
MANAGERS & OFFICERS	96	1.54	Typist/Word Processor	32	0.51
CLERICAL WORKERS	1,682	27.05 ***	CRAFT WORKERS & SUPERVISORS ..	123	1.98
Accounting Clerk	10	0.16	Dental Laboratory Technician	117	1.88
Bookkeeper	174	2.80	SERVICE WORKERS	2,387	38.39 ****
Bookkeeping & Billing Mach Oper	41	0.66	Cleaner, Housekeeping	23	0.37
Cashier	14	0.23	Dental Assistant	2,295	36.91 ****
File Clerk	30	0.48	Janitor/Porter/Cleaner	51	0.82
General Clerk	198	3.18	Licensed Practical Nurse	10	0.16
Insurance Clerk, Medical	51	0.82	LABORERS EXCEPT FARM	12	0.19
Payroll &/or Timekeeping Clerk	18	0.29			

1983-91 Growth Rate . . . 42.64%

1984 New Hire Rate . . . 57.14%

1991 Proj. Employment . . . 552



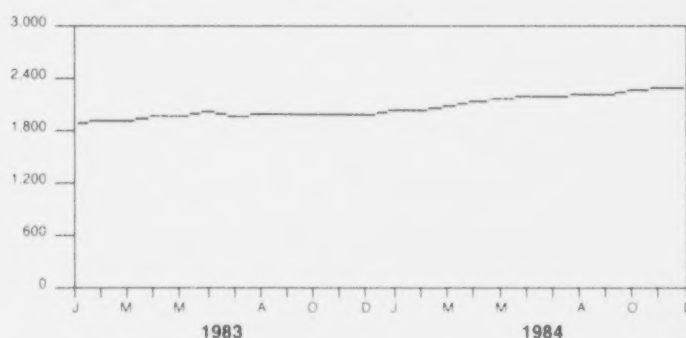
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	383	388	386	402	385	379
Number of Firms	100	105	107	113	107	98
Average Weekly Earnings	\$264.13	\$285.54	\$298.49	\$308.12	\$323.47	\$327.34

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	98	25.19 ***	CLERICAL WORKERS (cont.)		
Nurse Professional	35	9.00 *	Receptionist	62	15.94 **
Physician &/or Surgeon	53	13.62 **	Secretary	31	7.97 *
CLERICAL WORKERS	165	42.42 *****	SERVICE WORKERS	115	29.56 ***
Bookkeeper	22	5.66 *	Janitor/Porter/Cleaner	15	3.86
General Clerk	11	2.83	Licensed Practical Nurse	10	2.57
Insurance Clerk, Medical	26	6.68 *	Medical Assistant	72	18.51 **

1983-91 Growth Rate . . . 49.29%

1984 New Hire Rate . . . 111.49%

1991 Proj. Employment . . . 2,926



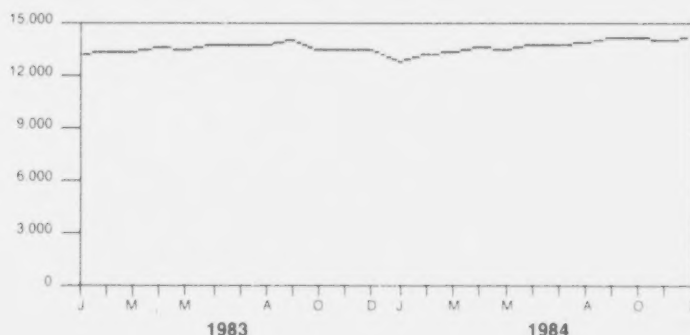
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,311	1,443	1,606	1,767	1,947	2,176
Number of Firms	521	557	613	661	704	746
Average Weekly Earnings	\$175.50	\$197.24	\$213.76	\$228.68	\$244.16	\$257.23

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	593	30.33 ****	CLERICAL WORKERS (cont.)		
Chiropractor	113	5.78 *	General Clerk	90	4.60
Optometrist	141	7.21 *	Insurance Clerk, Medical	66	3.38
Physical Therapist	161	8.24 *	Receptionist	300	15.35 **
Physical Therapy Assistant	98	5.01 *	Secretary	159	8.13 *
Psychologist	12	0.61	Typist/Word Processor	14	0.72
Respiratory Therapist	17	0.87	CRAFT WORKERS & SUPERVISORS ..	304	15.55 **
X-Ray Technician	16	0.82	Optic Mech/Dispensing Optician	302	15.45 **
MANAGERS & OFFICERS	41	2.10	SERVICE WORKERS	217	11.10 **
CLERICAL WORKERS	800	40.92 *****	Cleaner, Housekeeping	10	0.51
Bookkeeper	133	6.80 *	Janitor/Porter/Cleaner	42	2.15
Cashier	10	0.51	Medical Assistant	126	6.45 *

1983-91 Growth Rate ... 52.43%

1984 New Hire Rate ... 121.84%

1991 Proj. Employment ... 20,307



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	12,890	13,159	13,166	13,177	13,315	13,456
Number of Firms	176	180	182	180	178	179
Average Weekly Earnings	\$117.35	\$128.68	\$143.87	\$153.70	\$160.80	\$166.59

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	1,657	12.44 **	CLERICAL WORKERS (cont.)		
Accountant/Auditor	22	0.17	Receptionist	59	0.44
Case Worker	76	0.57	Secretary	66	0.50
Corrective Therapist	10	0.08	Statistical Clerk	43	0.32
Dietetic Technician	25	0.19	Switchboard Oper./Receptionist	21	0.16
Dietitian/Nutritionist	73	0.55	Switchboard Oper	12	0.09
Group Recreation Worker	115	0.86	Teachers Aide	20	0.15
Manual Arts/Music/Rec Therapist	135	1.01	Typist/Word Processor	11	0.08
Medical Record Technician	29	0.22	CRAFT WORKERS & SUPERVISORS ..	332	2.49
Nurse Professional	928	6.97 *	Maintenance Repairer, Gen Utility	235	1.76
Occupational Therapist	20	0.15	Supervisor, Nonworking Service	64	0.48
Physical Therapist	30	0.23	OPERATIVES	541	4.06
Physical Therapy Assistant	60	0.45	Washer Machine &/or Starcher	522	3.92
Physician &/or Surgeon	15	0.11	SERVICE WORKERS	9,815	73.67 *****
Social Service Aide	37	0.28	Cleaner, Housekeeping	587	4.41
Teacher, Elem Sch-Vocational	16	0.12	Cook, Institutional	590	4.43
MANAGERS & OFFICERS	452	3.39	Cook, Short Order	15	0.11
CLERICAL WORKERS	485	3.64	Dining Room Attendant	12	0.09
Accounting Clerk	15	0.11	Fire Fighter	11	0.08
Bookkeeper	84	0.63	Food Service Worker	85	0.64
Clerical Supervisor	12	0.09	Guard/Doorkeeper	17	0.13
General Clerk	72	0.54	Housekeeper	124	0.93
Payroll &/or Timekeeping Clerk	26	0.20	Janitor/Porter/Cleaner	144	1.08

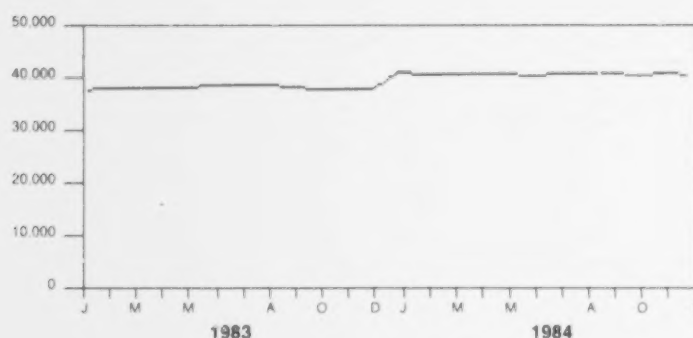
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
SERVICE WORKERS (cont.)			SERVICE WORKERS (cont.)		
Kitchen Helper	1,006	7.55 *	Pharmacy Helper	24	0.18
Licensed Practical Nurse	771	5.79 *	Waiter or Waitress	61	0.46
Nurse Aide/Orderly	6,274	47.09 *****	LABORERS EXCEPT FARM	34	0.26
Occupational Therapy Aide	12	0.09	Gardener/Groundskeeper	28	0.21
Pantry Work & Sandwich/Coffee Maker	14	0.11			

1983-91 Growth Rate ... 0.18%

1984 New Hire Rate ... 24.83%

1991 Proj. Employment ... 41,299



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	34,320	36,311	37,978	37,762	37,800	40,047
Number of Firms	101	102	100	94	96	98
Average Weekly Earnings	\$217.81	\$237.97	\$267.36	\$293.02	\$313.75	\$332.35

Occupation	1983 Employ- ment	Percent		Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	16,050	43.80	*****	PROFESSIONAL & TECHNICAL (cont.)		
Accountant/Auditor	81	0.20		Personnel & Labor Relations Spec ...	134	0.33
Biochemistry Technologist	26	0.06		Pharmacist	408	0.99
Biological Science Tech	18	0.04		Physical Therapist	291	0.71
Biological Scientist	22	0.05		Physical Therapy Assistant	113	0.27
Blood Bank Technology Specialist ...	56	0.14		Physician &/or Surgeon	1,015	2.46
Case Worker	251	0.61		Psychologist	82	0.20
Clergy	56	0.14		Radiologic &/or Nuclear Med Tech ...	476	1.16
Computer Programmer	33	0.08		Respiratory Therapist	428	1.04
Cytotechnologist	27	0.07		Social Service Aide	40	0.10
Dentist	17	0.04		Speech & Hearing Clinician	61	0.15
Dietetic Technician	72	0.17		Surgical Technician	366	0.89
Dietitian/Nutritionist	157	0.38		Systems Analyst, EDP	23	0.06
Electrocardiograph Technician	139	0.34		Teacher, Adult Education	10	0.02
Electroencephalograph Technician ...	64	0.16		Teacher, Elementary Academic	19	0.05
Histologic Technologist	47	0.11		Teacher, Vocational Education	10	0.02
Lawyer	11	0.03		Veterinarian	19	0.05
Librarian	35	0.08		X-Ray Technician	338	0.82
Manual Arts/Music/Rec Therapist ...	85	0.21		MANAGERS & OFFICERS	1,250	3.03
Medical Lab Technologist	959	2.33		Purchasing Agent &/or Buyer	84	0.20
Medical Record Technician	221	0.54		SALES WORKERS	20	0.05
Medical Scientist	21	0.05		Sales Clerk	20	0.05
Microbiology Technologist	35	0.08		CLERICAL WORKERS	6,967	16.91
Nurse Professional	10,954	26.58	***	Accounting Clerk	368	0.89
Occupational Therapist	126	0.31		Bookkeeper	61	0.15

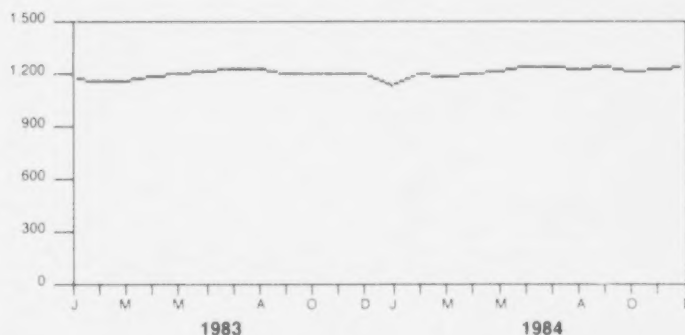
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CLERICAL WORKERS (cont.)			CRAFT WORKERS & SUPERVISORS (cont.)		
Bookkeeping & Billing Mach Oper	29	0.07	Supervisor, Nonworking Exc Service . .	61	0.15
Cashier	131	0.32	Supervisor, Nonworking Service	144	0.35
Claim Adjuster	42	0.10	OPERATIVES	597	1.45
Claims Clerk	41	0.10	Delivery Driver & Route Worker	40	0.10
Clerical Supervisor	254	0.62	Laundry Operator, Small Estab	55	0.13
Computer Operator	85	0.21	Mach Presser, Laundry	177	0.43
File Clerk	228	0.55	Marker/Classifier/Wet Wash Assembler	10	0.02
General Clerk	1,133	2.75	Sewer, Custom	22	0.05
Information Clerk	58	0.14	Stationary Boiler Firer	32	0.08
Insurance Clerk, Medical	273	0.66	Truck Driver	28	0.07
Key Punch/Data Entry Oper	117	0.28	Washer Machine &/or Starcher	116	0.28
Library Assistant	23	0.06	SERVICE WORKERS	13,257	32.17 ****
Mail Clerk	48	0.12	Ambulance Driver &/or Attendant	74	0.18
Office Machine Oper	203	0.49	Child-Care Worker	23	0.06
Payroll &/or Timekeeping Clerk	74	0.18	Cleaner, Housekeeping	1,692	4.11
Peripheral Equip Oper	14	0.03	Cook, Institutional	419	1.02
Personnel Clerk	53	0.13	Cook, Short Order	44	0.11
Procurement Clerk	46	0.11	Correction Officer/Jailer	58	0.14
Production Clerk	29	0.07	Counter Attendant, Cafeteria	92	0.22
Receptionist	311	0.75	Dental Assistant	44	0.11
Secretary	850	2.06	Dining Room Attendant	123	0.30
Shipping & Receiving Clerk	27	0.07	Food Service Worker	519	1.26
Statistical Clerk	273	0.66	Guard/Doorkeeper	92	0.22
Stenographer	231	0.56	Housekeeper	114	0.28
Stock Clerk, Storeroom & Warehouse . .	198	0.48	Janitor/Porter/Cleaner	551	1.34
Switchboard Oper/Receptionist	128	0.31	Kitchen Helper	660	1.60
Switchboard Oper	218	0.53	Licensed Practical Nurse	2,350	5.70 *
Teachers Aide	40	0.10	Medical Assistant	74	0.18
Typist/Word Processor	275	0.67	Medical Lab Assistant	281	0.68
CRAFT WORKERS & SUPERVISORS . .	943	2.29	Nurse Aide/Orderly	4,063	9.86 *
Carpenter	37	0.09	Occupational Therapy Aide	19	0.05
Electrician	29	0.07	Pantry Work & Sandwich/Coffee Maker	51	0.12
Electromedical Equipment Repairer . . .	64	0.16	Pharmacy Helper	302	0.73
Maintenance Mechanic	14	0.03	Physicians Assistant	10	0.02
Maintenance Repairer, Gen Utility . . .	314	0.76	Police & Detective Supervisor	14	0.03
Painter, Maintenance	45	0.11	Psychiatric Aide	1,194	2.90
Plumber &/or Pipefitter	14	0.03	LABORERS EXCEPT FARM	123	0.30
Stationary Engineer	161	0.39	Gardener/Groundskeeper	74	0.18

1983-91 Growth Rate ... 51.35%

1984 New Hire Rate ... 70.64%

1991 Proj. Employment ... 1,795



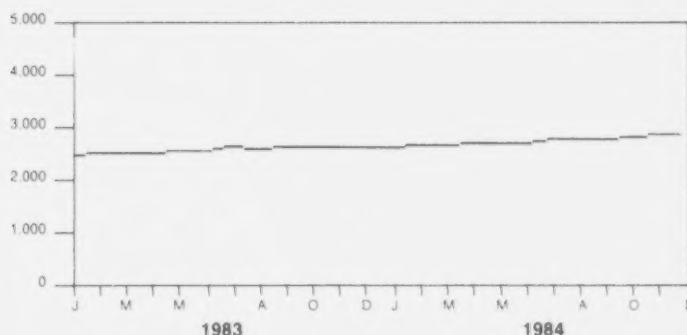
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,518	1,332	1,262	1,166	1,184	1,203
Number of Firms	189	185	183	182	179	177
Average Weekly Earnings	\$256.66	\$293.52	\$315.36	\$344.51	\$351.23	\$362.77

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	324	27.30 ***	CLERICAL WORKERS (cont.)		
Biochemistry Technologist	20	1.68	File Clerk	15	1.26
Cytotechnologist	30	2.53	General Clerk	34	2.86
Histologic Technologist	13	1.10	Insurance Clerk, Medical	10	0.84
Medical Lab Technologist	103	8.68 *	Key Punch/Data Entry Oper	10	0.84
Microbiology Technologist	15	1.26	Receptionist	19	1.60
Nurse Professional	17	1.43	Secretary	21	1.77
Physician &/or Surgeon	32	2.70	Typist/Word Processor	21	1.77
X-Ray Technician	24	2.02	CRAFT WORKERS & SUPERVISORS ..	299	25.19 ***
MANAGERS & OFFICERS	81	6.82 *	Dental Laboratory Technician	297	25.02 ***
SALES WORKERS	10	0.84	OPERATIVES	106	8.93 *
Sales Representative	10	0.84	Delivery Driver & Route Worker	106	8.93 *
CLERICAL WORKERS	253	21.31 ***	SERVICE WORKERS	107	9.01 *
Accounting Clerk	12	1.01	Janitor/Porter/Cleaner	22	1.85
Bookkeeper	34	2.86	Medical Lab Assistant	76	6.40 *
Computer Operator	12	1.01			

1983-91 Growth Rate . . . 33.50%

1984 New Hire Rate . . . 37.97%

1991 Proj. Employment . . . 3,395



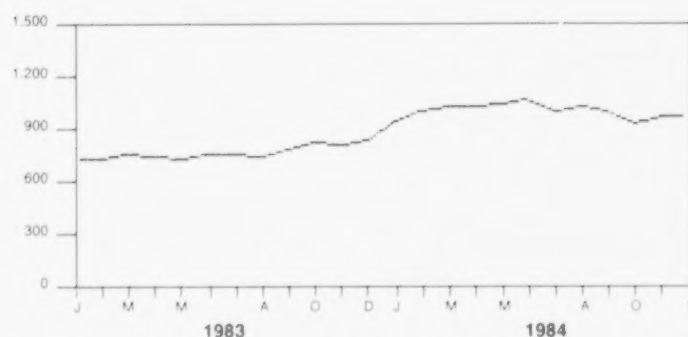
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,112	2,167	2,180	2,319	2,541	2,751
Number of Firms	43	46	49	50	59	63
Average Weekly Earnings	\$237.77	\$264.09	\$293.22	\$313.35	\$337.24	\$354.70

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	1,126	44.28 *****	CLERICAL WORKERS (cont.)		
Accountant/Auditor	20	0.79	Clerical Supervisor	38	1.49
Case Worker	75	2.95	File Clerk	17	0.67
Dental Hygienist	24	0.94	General Clerk	69	2.71
Medical Lab Technologist	109	4.29	Insurance Clerk, Medical	31	1.22
Nurse Professional	410	16.12 **	Key Punch/Data Entry Oper	12	0.47
Occupational Therapist	10	0.39	Messenger	30	1.18
Optometrist	25	0.98	Receptionist	332	13.06 **
Pharmacist	27	1.06	Secretary	72	2.83
Physical Therapist	58	2.28	Statistical Clerk	100	3.93
Physical Therapy Assistant	21	0.83	Switchboard Oper/Receptionist	11	0.43
Physician &/or Surgeon	10	0.39	Switchboard Oper	26	1.02
Psychologist	34	1.34	Typist/Word Processor	16	0.63
Respiratory Therapist	21	0.83	CRAFT WORKERS & SUPERVISORS . .	36	1.42
Social Service Aide	22	0.87	Optic Mech/Dispensing Optician	27	1.06
Speech & Hearing Clinician	30	1.18	SERVICE WORKERS	343	13.49 **
Systems Analyst, EDP	18	0.71	Cleaner, Housekeeping	38	1.49
X-Ray Technician	54	2.12	Dental Assistant	43	1.69
MANAGERS & OFFICERS	130	5.11 *	Licensed Practical Nurse	89	3.50
SALES WORKERS	15	0.59	Medical Assistant	45	1.77
Sales Representative	11	0.43	Medical Lab Assistant	19	0.75
CLERICAL WORKERS	884	34.76 ****	Nurse Aide/Orderly	21	0.83
Accounting Clerk	38	1.49	Orthopedic Cast Specialist	11	0.43
Bookkeeper	14	0.55	Pharmacy Helper	20	0.79
Cashier	20	0.79	Physicians Assistant	24	0.94

1983-91 Growth Rate . . . 27.08%

1984 New Hire Rate . . . 150.46%

1991 Proj. Employment . . . 962



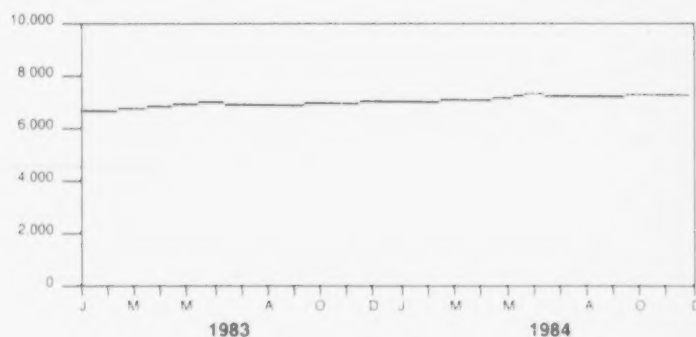
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	537	599	622	627	756	988
Number of Firms	24	24	24	25	26	33
Average Weekly Earnings	\$185.09	\$194.95	\$215.20	\$208.43	\$211.07	\$190.66

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	404	53.23 *****	MANAGERS & OFFICERS	65	8.56 *
Blood Bank Technology Specialist . . .	14	1.84	CLERICAL WORKERS	72	9.49 *
Case Worker	12	1.58	General Clerk	13	1.71
Nurse Professional	262	34.52	Secretary	19	2.50
Occupational Therapist	17	2.24	SERVICE WORKERS	198	26.09 ***
Physical Therapist	49	6.46	Licensed Practical Nurse	22	2.90
Physician &/or Surgeon	10	1.32	Medical Assistant	31	4.08
Speech & Hearing Clinician	11	1.45	Nurse Aide/Orderly	145	19.10
Statistician	10	1.32			

1983-91 Growth Rate . . . 15.46%

1984 New Hire Rate . . . 79.92%

1991 Proj. Employment . . . 7,721



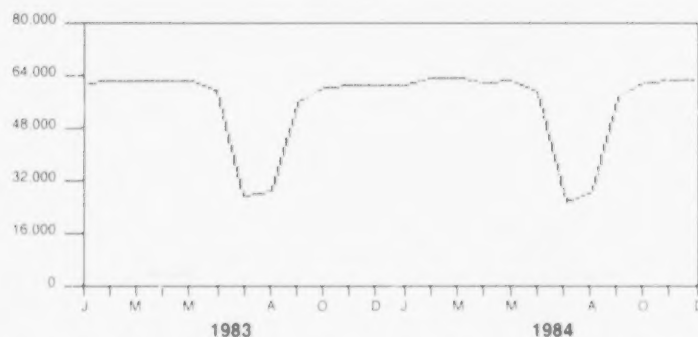
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	5,111	5,558	6,024	6,304	6,641	7,058
Number of Firms	1,191	1,241	1,358	1,444	1,511	1,508
Average Weekly Earnings	\$242.55	\$278.82	\$312.91	\$353.19	\$382.83	\$405.08

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	2,580	38.61 ****	CLERICAL WORKERS (cont.)		
Law Clerk	444	6.64 *	General Clerk	75	1.12
Lawyer	1,721	25.75 ***	Messenger	34	0.51
Librarian	27	0.40	Payroll &/or Timekeeping Clerk	16	0.24
Paralegal Personnel	379	5.67 *	Receptionist	313	4.68
MANAGERS & OFFICERS	136	2.04	Secretary	2,528	37.83 ****
CLERICAL WORKERS	3,896	58.30 *****	Stenographer	43	0.64
Accounting Clerk	58	0.87	Switchboard Oper/Receptionist	167	2.50
Bookkeeper	372	5.57 *	Typist/Word Processor	129	1.93
Bookkeeping & Billing Mach Oper	10	0.15	SERVICE WORKERS	63	0.94
Computer Operator	10	0.15	Detective	26	0.39
File Clerk	104	1.56	Janitor/Porter/Cleaner	37	0.55

1983-91 Growth Rate . . . 6.96%

1984 New Hire Rate . . . 38.16%

1991 Proj. Employment . . . 67,149



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	60,091	60,498	60,450	55,990	55,173	55,361
Number of Firms	656	601	564	461	472	472
Average Weekly Earnings	\$232.67	\$251.84	\$274.15	\$300.25	\$315.80	\$331.56

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	34,967	58.08 *****	PROFESSIONAL & TECHNICAL (cont.)		
Accountant/Auditor	49	0.08	Teacher, Preschool/Kindergarten	1,366	2.27
Audio Visual Specialist	49	0.08	Teacher, Secondary School	25	0.04
Case Worker	58	0.10	Teacher, Secondary-Arts & Crafts	354	0.59
Commercial Artist	19	0.03	Teacher, Secondary-Commercial & Bus	566	0.94
Computer Programmer	21	0.03	Teacher, Secondary-English	1,615	2.68
Dietitian/Nutritionist	11	0.02	Teacher, Secondary-Foreign Language	323	0.54
Instructor, Automobile Driving	18	0.03	Teacher, Secondary-Health Educ	277	0.46
Librarian	831	1.38	Teacher, Secondary-Home Economics	391	0.65
Nurse Professional	100	0.17	Teacher, Secondary-Industrial Arts	568	0.94
Occupational Therapist	13	0.02	Teacher, Secondary-Mathematics	1,052	1.75
Personnel & Labor Relations Spec	35	0.06	Teacher, Secondary-Music	476	0.79
Physical Therapist	12	0.02	Teacher, Secondary-Performing Arts	90	0.15
Psychologist	71	0.12	Teacher, Secondary-Physical Educ	850	1.41
Speech & Hearing Clinician	43	0.07	Teacher, Secondary-Reading	23	0.04
Systems Analyst, EDP	11	0.02	Teacher, Secondary-Science	914	1.52
Teacher, Adult Education	33	0.05	Teacher, Secondary-Social Studies	1,315	2.18
Teacher, Col Theology	34	0.06	Teacher, Secondary-Special, Exceptio	1,063	1.77
Teacher, Elem Sch-Arts & Crafts	161	0.27	Teacher, Secondary-Vocational	398	0.66
Teacher, Elem Sch-Home Economics	93	0.15	Teacher, Substitute	6,035	10.02 **
Teacher, Elem Sch-Music	671	1.11	Vocational & Educational Counselr	940	1.56
Teacher, Elem Sch-Physical Educati	645	1.07	MANAGERS & OFFICERS	2,482	4.12
Teacher, Elem Sch-Special, Exceptio	1,552	2.58	Purchasing Agent &/or Buyer	42	0.07
Teacher, Elem Sch-Vocational	17	0.03	SALES WORKERS	14	0.02
Teacher, Elementary Academic	11,028	18.32 **	Sales Clerk	12	0.02

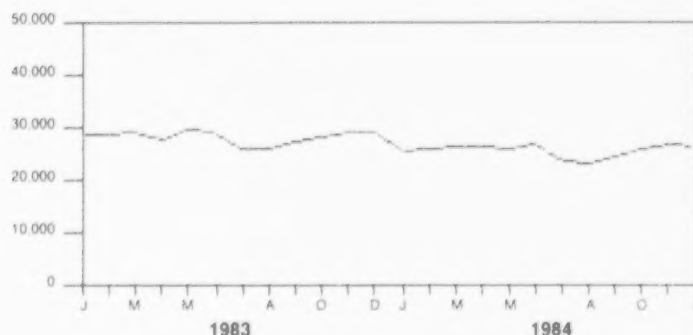
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CLERICAL WORKERS	10,629	17.65 **	CRAFT WORKERS & SUPERVISORS (cont.)		
Accounting Clerk	198	0.33	Maintenance Repairer, Gen Utility	451	0.75
Attendance Clerk	181	0.30	Painter, Maintenance	54	0.09
Bookkeeper	182	0.30	Plumber &/or Pipefitter	52	0.09
Cashier	22	0.04	Press Operator &/or Plate Printer	98	0.16
Clerical Supervisor	37	0.06	Sheet Metal Worker	11	0.02
Computer Operator	25	0.04	Stationary Engineer	27	0.04
Dispatcher, Vehicle Service/Work	23	0.04	Supervisor, Nonworking Exc Service	104	0.17
Duplicating Machine Operator	16	0.03	Supervisor, Nonworking Service	143	0.24
General Clerk	425	0.71	OPERATIVES	2,394	3.98
Key Punch/Data Entry Oper	10	0.02	Bus Driver	2,215	3.68
Library Assistant	857	1.42	Delivery Driver & Route Worker	42	0.07
Messenger	14	0.02	Electrical-Electronic Assembler	15	0.02
Payroll &/or Timekeeping Clerk	161	0.27	Gas Station Attendant	28	0.05
Personnel Clerk	28	0.05	Laundry Operator, Small Estab	31	0.05
Procurement Clerk	20	0.03	Truck Driver	25	0.04
Receptionist	48	0.08	SERVICE WORKERS	7,904	13.13 **
Secretary	2,463	4.09	Child Care Attendant	17	0.03
Statistical Clerk	14	0.02	Child-Care Worker	44	0.07
Stock Clerk, Storeroom & Warehouse	66	0.11	Cook, Institutional	1,303	2.16
Switchboard Oper/Receptionist	27	0.04	Counter Attendant, Cafeteria	526	0.87
Switchboard Oper	10	0.02	Food Service Worker	15	0.02
Teachers Aide	4,964	8.25 *	Guards & Doorkeeper	53	0.09
Tech Asst, Library	57	0.09	Janitor/Porter/Cleaner	3,717	6.17 *
Typist/Word Processor	443	0.74	Kitchen Helper	1,625	2.70
CRAFT WORKERS & SUPERVISORS ..	1,486	2.47	Lifeguard	50	0.08
Automotive Mechanic	144	0.24	Nurse Aide/Orderly	29	0.05
Baker Bread	126	0.21	Pantry Work & Sandwich/Coffee Maker	19	0.03
Carpenter	95	0.16	Recreation Facilities Attendant	19	0.03
Electrician	52	0.09	School Monitor	224	0.37
Machinist	18	0.03	LABORERS EXCEPT FARM	328	0.54
			Gardener/Groundskeeper	215	0.36
			Helper, Trades	16	0.03

1983-91 Growth Rate . . . 0.65%

1984 New Hire Rate . . . 68.61%

1991 Proj. Employment . . . 38,814



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	28,328	31,367	30,036	28,022	27,993	25,450
Number of Firms	154	147	143	123	130	129
Average Weekly Earnings	\$238.90	\$233.59	\$272.43	\$298.64	\$316.99	\$326.60

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	18,137	47.03 *****	PROFESSIONAL & TECHNICAL (cont.)		
Accountant/Auditor	80	0.21	Physical Therapist	11	0.03
Agricultural Scientist	90	0.23	Physician &/or Surgeon	96	0.25
Announcer	15	0.04	Public Relations Practitioner	50	0.13
Athletic Trainer	16	0.04	Reporter/Correspondent	26	0.07
Audio Visual Specialist	42	0.11	Social Service Aide	12	0.03
Biological Science Tech	142	0.37	Surveyor	12	0.03
Biological Scientist	62	0.16	Systems Analyst, EDP	68	0.18
Broadcast Tech	25	0.06	Teacher, Adult Education	984	2.55
Chemist	59	0.15	Teacher, Col Accounting	171	0.44
Commercial Artist	74	0.19	Teacher, Col Ag & Natural Resour	121	0.31
Computer Programmer	142	0.37	Teacher, Col Anthropology	64	0.17
County Agriculture Extension Agent	151	0.39	Teacher, Col Arch Ex Landscape	71	0.18
Drafter	17	0.04	Teacher, Col Area Studies	16	0.04
Economist	15	0.04	Teacher, Col Banking & Finance	53	0.14
Electrical/Electronic Tech	19	0.05	Teacher, Col Biological Sciences	509	1.32
Extension Service Specialist	86	0.22	Teacher, Col Business & Ind Mgt	340	0.88
Forest Conservation Worker	80	0.21	Teacher, Col Chemistry	222	0.58
Graduate Assistant	2,288	5.93 *	Teacher, Col Civil, Const Engr	62	0.16
Law Clerk	29	0.08	Teacher, Col Comm & Broadcasting	131	0.34
Librarian	243	0.63	Teacher, Col Computer & Info Sci	180	0.47
Musician, Instrumental	22	0.06	Teacher, Col Counsel & Guidance	39	0.10
Nurse Professional	112	0.29	Teacher, Col Curriculum & Instr	16	0.04
Personnel & Labor Relations Spec	24	0.06	Teacher, Col Deaf Education	26	0.07
Photographer, Portrait/Commercial	18	0.05	Teacher, Col Economics	126	0.33
Photographer	55	0.14	Teacher, Col Elect & Comm Enginee	64	0.17

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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL (cont.)			MANAGERS & OFFICERS		
Teacher, Col Elem Education	68	0.18	Purchasing Agent &/or Buyer	1,964	5.09 *
Teacher, Col Fire Control Technol	29	0.08	SALES WORKERS	187	0.48
Teacher, Col Fish, Game, Wildlf Mgt	30	0.08	Sales Clerk	149	0.39
Teacher, Col Foreign Languages	324	0.84	Sales Representative	32	0.08
Teacher, Col Forestry	122	0.32	CLERICAL WORKERS	10,860	28.16 ***
Teacher, Col Gen Engineering	55	0.14	Accounting Clerk	331	0.86
Teacher, Col General Education	122	0.32	Admissions Evaluator	89	0.23
Teacher, Col General Soc Science	105	0.27	Bookkeeper	73	0.19
Teacher, Col Geography	63	0.16	Cashier	353	0.92
Teacher, Col Graphics & Fine Arts	1,138	2.95	Clerical Supervisor	217	0.56
Teacher, Col Health Professions	989	2.56	Computer Operator	107	0.28
Teacher, Col History	189	0.49	Desk Clerk	204	0.53
Teacher, Col Home Economics	272	0.71	Dispatcher, Police/Fire/Ambulance	28	0.07
Teacher, Col Landscape Architect	26	0.07	Duplicating Machine Operator	46	0.12
Teacher, Col Law	119	0.31	File Clerk	392	1.02
Teacher, Col Law Enforce & Corr	61	0.16	General Clerk	732	1.90
Teacher, Col Letters	915	2.37	Information Clerk	66	0.17
Teacher, Col Library Sciences	38	0.10	Key Punch/Data Entry Oper	62	0.16
Teacher, Col Mathematics	406	1.05	Library Assistant	1,304	3.38
Teacher, Col Mech & Sk Crafts	516	1.34	Mail Clerk	149	0.39
Teacher, Col Mechanical Engineerg	38	0.10	Messenger	13	0.03
Teacher, Col Microbiology	65	0.17	Office Machine Oper	21	0.05
Teacher, Col Nursing	318	0.82	Payroll &/or Timekeeping Clerk	61	0.16
Teacher, Col Other Ed Specialties	169	0.44	Personnel Clerk	29	0.08
Teacher, Col P E & Coaches	705	1.83	Procurement Clerk	17	0.04
Teacher, Col Parks & Rec Mgt	11	0.03	Receptionist	399	1.03
Teacher, Col Pers Mgt Labor Rel	35	0.09	Secretary	1,948	5.05 *
Teacher, Col Pharmacy	44	0.11	Shipping & Receiving Clerk	20	0.05
Teacher, Col Phys Science Ex Chm	437	1.13	Statistical Clerk	71	0.18
Teacher, Col Pol Science & Gov	98	0.25	Stenographer	20	0.05
Teacher, Col Psychology	295	0.76	Stock Clerk, Storeroom & Warehouse	314	0.81
Teacher, Col Public Affairs	100	0.26	Survey Worker	16	0.04
Teacher, Col Real Estate & Insur	40	0.10	Switchboard Oper/Receptionist	53	0.14
Teacher, Col Sanitation & Health	10	0.03	Switchboard Oper	103	0.27
Teacher, Col Secondary Education	39	0.10	Teachers Aide	1,796	4.66
Teacher, Col Secty, Office Mach	177	0.46	Tech Asst, Library	80	0.21
Teacher, Col Sociology	127	0.33	Typist/Word Processor	1,041	2.70
Teacher, Col Special Ed Ex Deaf	118	0.31	CRAFT WORKERS & SUPERVISORS ..	1,104	2.86
Teacher, Col Theology	78	0.20	Automotive Mechanic	34	0.09
Teacher, Col Transport & Util	14	0.04	Baker Bread	12	0.03
Teacher, Col Zoology	32	0.08	Carpenter	78	0.20
Teacher, Elem Sch-Physical Educati	11	0.03	Compositor &/or Typesetter	21	0.05
Teacher, Preschool/Kindergarten	25	0.06	Electrician	37	0.10
Umpire	92	0.24	Heavy Equipment Operator	12	0.03
Vocational & Educational Counselr	258	0.67	Instrument Mechanic	60	0.16
Writer &/or Editor	85	0.22	Locksmith	17	0.04

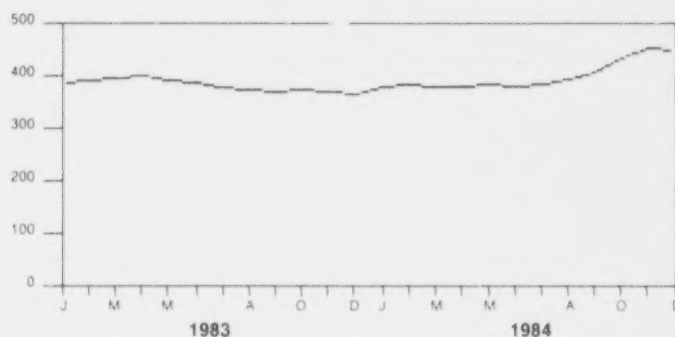
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CRAFT WORKERS & SUPERVISORS (cont.)			SERVICE WORKERS (cont.)		
Maintenance Repairer, Gen Utility	218	0.57	Desk Clerk, Bowling Floor	12	0.03
Motion Picture Projectionist	43	0.11	Dining Room Attendant	83	0.22
Painter, Maintenance	63	0.16	Food Service Worker	109	0.28
Plumber &/or Pipefitter	25	0.06	Guard/Doorkeeper	398	1.03
Press Operator &/or Plate Printer	66	0.17	Janitor/Porter/Cleaner	1,844	4.78
Refrigeration Mechanic	16	0.04	Kitchen Helper	565	1.46
Stationary Engineer	37	0.10	Lifeguard	98	0.25
Supervisor, Nonworking Exc Service	91	0.24	Nurse Aide/Orderly	34	0.09
Supervisor, Nonworking Service	135	0.35	Pantry Work & Sandwich/Coffee Maker	41	0.11
TV/Radio/Tape Deck Repairs	31	0.08	Police Patrol Officer	16	0.04
OPERATIVES	180	0.47	Recreation Facilities Attendant	57	0.15
Bus Driver	18	0.05	Usher/Lobby Attend/Ticket Taker	104	0.27
Delivery Driver & Route Worker	31	0.08	Waiter or Waitress	34	0.09
Stationary Boiler Firer	17	0.04	LABORERS EXCEPT FARM	599	1.55
Truck Driver	11	0.03	Gardener/Groundskeeper	316	0.82
SERVICE WORKERS	5,404	14.01 **	Helper, Trades	75	0.19
Checkroom &/or Locker-Room Atten	216	0.56	Property Handler	12	0.03
Child Care Attendant	25	0.06	FARM WORKERS	132	0.34
Child-Care Worker	95	0.25	Animal Caretaker	64	0.17
Cook, Institutional	161	0.42	Field Crop Worker	42	0.11
Costumer, Assistant	35	0.09	Nursery or Greenhouse Worker	10	0.03
Counter Attendant, Cafeteria	794	2.06			

1983-91 Growth Rate ... 31.84%

1984 New Hire Rate ... 43.15%

1991 Proj. Employment ... 501



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	461	480	435	405	378	394
Number of Firms	12	13	12	11	12	13
Average Weekly Earnings	\$180.69	\$183.30	\$205.17	\$220.83	\$231.38	\$251.31

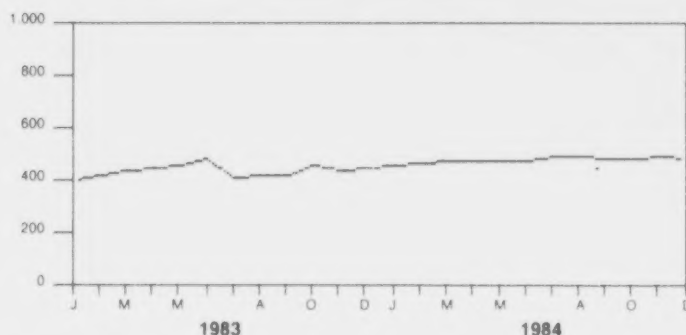
Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	59	15.49 **	CLERICAL WORKERS	244	64.04 *****
Librarian	58	15.22 **	Library Assistant	172	45.14 *****
MANAGERS & OFFICERS	43	11.29 **	Tech Asst. Library	47	12.34 **
			SERVICE WORKERS	24	6.30 *
			Janitor/Porter/Cleaner	24	6.30 *

824 CORRESPONDENCE & VOCATIONAL SCHOOLS 824

1983-91 Growth Rate ... 18.82%

1984 New Hire Rate ... 114.12%

1991 Proj. Employment ... 505



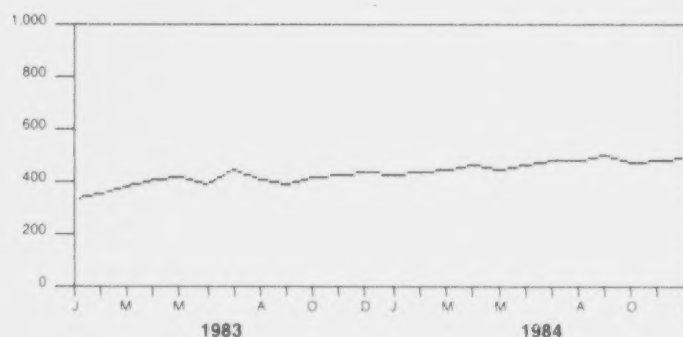
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	413	429	410	398	422	464
Number of Firms	59	59	64	55	58	65
Average Weekly Earnings	\$208.96	\$233.34	\$269.42	\$311.63	\$322.92	\$333.15

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	259	60.51 *****	PROFESSIONAL & TECHNICAL (cont.)		
Public Relations Practitioner	10	2.34	Teacher, Col Mech & Sk Crafts	28	6.54 *
Teacher, Adult Education	14	3.27	Teacher, Col Secty, Office Mach	40	9.35 *
Teacher, Col Accounting	15	3.50	MANAGERS & OFFICERS	82	19.16 **
Teacher, Col Computer & Info Sci	36	8.41 *	CLERICAL WORKERS	61	14.25 **
Teacher, Col Graphics & Fine Arts ...	17	3.97	Bookkeeper	10	2.34
			Receptionist	13	3.04
			Secretary	21	4.91

1983-91 Growth Rate . . . 9.45%

1984 New Hire Rate . . . 129.81%

1991 Proj. Employment . . . 440



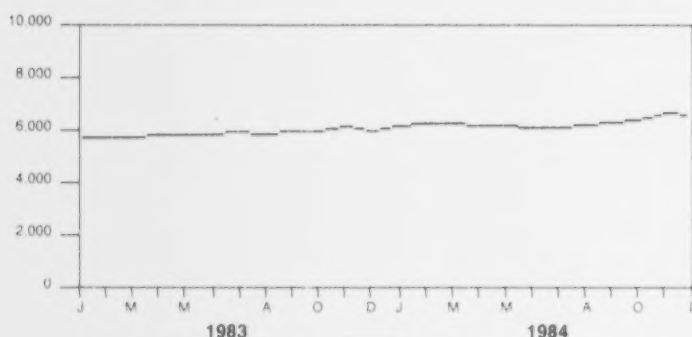
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	309	336	358	411	399	463
Number of Firms	79	79	86	82	80	83
Average Weekly Earnings	\$148.23	\$151.31	\$168.85	\$175.50	\$200.35	\$217.89

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	248	61.69 *****	MANAGERS & OFFICERS	66	16.42 **
Teacher, Col Foreign Languages	21	5.22 *	SALES WORKERS	13	3.23
Teacher, Col Graphics & Fine Arts	51	12.69 **	Sales Representative	11	2.74
Teacher, Col Mech & Sk Crafts	16	3.98	CLERICAL WORKERS	69	17.16 **
Teacher, Col P E & Coaches	23	5.72 *	Bookkeeper	11	2.74
Teacher, Col Real Estate & Insur	13	3.23	General Clerk	25	6.22 *
Teacher, Col Transport & Util	39	9.70 *	Secretary	20	4.98
Teacher, Elem Sch-Special, Exceptio	16	3.98			

1983-91 Growth Rate . . . 33.87%

1984 New Hire Rate . . . 58.53%

1991 Proj. Employment . . . 7,668



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	5,738	6,213	6,135	5,593	5,715	6,039
Number of Firms	358	367	342	288	285	301
Average Weekly Earnings	\$216.69	\$225.43	\$241.56	\$263.14	\$270.73	\$276.74

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	2,812	49.09 *****	CLERICAL WORKERS	1,196	20.88 ***
Accountant/Auditor	14	0.24	Accounting Clerk	97	1.69
Case Worker	936	16.34 **	Bookkeeper	59	1.03
Community Organization Worker	39	0.68	Clerical Supervisor	101	1.76
Dietitian/Nutritionist	12	0.21	File Clerk	62	1.08
Eligibility Worker, Welfare	626	10.93 **	General Clerk	85	1.48
Employment Interviewer	172	3.00	Mail Clerk	19	0.33
Group Recreation Worker	24	0.42	Personnel Clerk	12	0.21
Medical Lab Technologist	65	1.13	Receptionist	170	2.97
Nurse Professional	105	1.83	Secretary	210	3.67
Psychologist	21	0.37	Statistical Clerk	16	0.28
Public Relations Practitioner	25	0.44	Stock Clerk, Storeroom & Warehouse	15	0.26
Social Service Aide	408	7.12 *	Switchboard Oper/Receptionist	18	0.31
Teacher, Adult Education	72	1.26	Teachers Aide	18	0.31
Teacher, Vocational Education	20	0.35	Typist/Word Processor	167	2.92
Vocational & Educational Counselor	83	1.45	CRAFT WORKERS & SUPERVISORS	39	0.68
Welfare Investigator	17	0.30	Supervisor, Nonworking Service	10	0.17
MANAGERS & OFFICERS	738	12.88 **	OPERATIVES	174	3.04
SALES WORKERS	92	1.61	Bus Driver	21	0.37
Contribution Solicitor	37	0.65	Delivery Driver & Route Worker	23	0.40
Sales Clerk	30	0.52	Production Packager	60	1.05
Sales Representative	25	0.44	Truck Driver	42	0.73

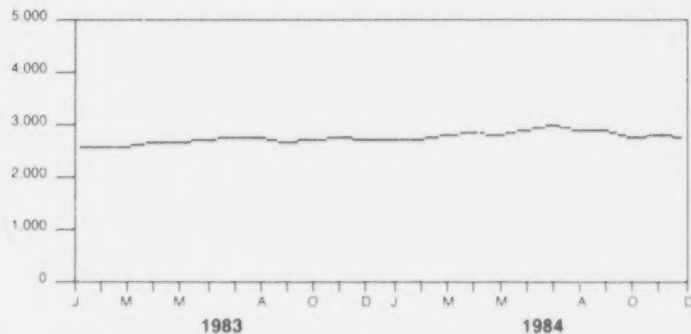
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
SERVICE WORKERS	574	10.02 **	SERVICE WORKERS (cont.)		
Child Care Attendant	65	1.13	Janitor/Porter/Cleaner	45	0.79
Child-Care Worker	82	1.43	Kitchen Helper	32	0.56
Cook, Institutional	97	1.69	Nurse Aide/Orderly	13	0.23
Counter Attendant, Cafeteria	27	0.47	LABORERS EXCEPT FARM	103	1.80
Dining Room Attendant	14	0.24			

1983-91 Growth Rate ... 12.63%

1984 New Hire Rate ... 70.66%

1991 Proj. Employment ... 3,138



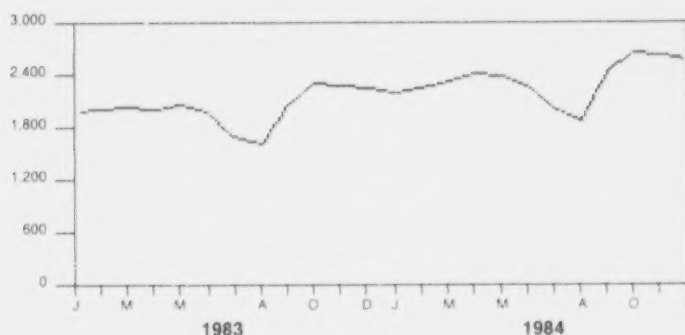
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	3,203	2,939	2,667	2,454	2,630	2,771
Number of Firms	124	126	129	112	108	112
Average Weekly Earnings	\$161.91	\$178.87	\$207.37	\$231.05	\$231.32	\$229.52

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	711	25.70 ***	CLERICAL WORKERS (cont.)		
Accountant/Auditor	11	0.40	Switchboard Oper/Receptionist	48	1.74
Case Worker	48	1.74	Switchboard Oper	10	0.36
Eligibility Worker, Welfare	11	0.40	Teachers Aide	47	1.70
Nurse Professional	12	0.43	Typist/Word Processor	91	3.29
Social Service Aide	49	1.77	CRAFT WORKERS & SUPERVISORS ..	186	6.72 *
Teacher, Adult Education	17	0.61	Carpenter	10	0.36
Teacher, Vocational Education	92	3.33	Household Appliance Repairer	14	0.51
Vocational & Educational Counselr ..	262	9.47 *	Maintenance Repairer, Gen Utility	22	0.80
MANAGERS & OFFICERS	332	12.00 **	Supervisor, Nonworking Exc Service ..	106	3.83
SALES WORKERS	183	6.62 *	OPERATIVES	252	9.11 *
Contribution Solicitor	30	1.08	Assembler	26	0.94
Sales Clerk	145	5.24 *	Bus Driver	24	0.87
CLERICAL WORKERS	608	21.98 ***	Production Packager	54	1.95
Accounting Clerk	33	1.19	Truck Driver	33	1.19
Bookkeeper	26	0.94	SERVICE WORKERS	204	7.38 *
Clerical Supervisor	28	1.01	Child-Care Worker	24	0.87
File Clerk	22	0.80	Janitor/Porter/Cleaner	79	2.86
General Clerk	60	2.17	Kitchen Helper	18	0.65
Office Machine Oper	36	1.30	LABORERS EXCEPT FARM	290	10.48 **
Receptionist	21	0.76	Gardener/Groundskeeper	81	2.93
Secretary	131	4.74			

1983-91 Growth Rate . . . 55.54%

1984 New Hire Rate . . . 148.08%

1991 Proj. Employment . . . 4,321



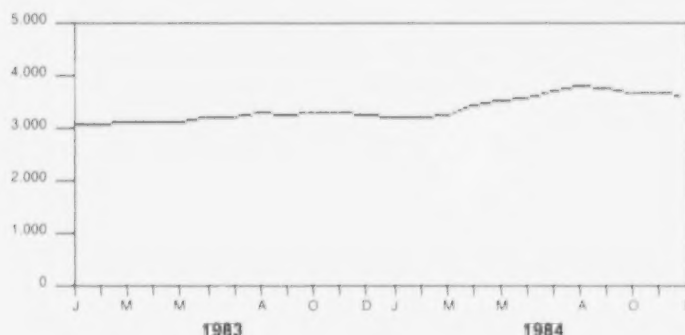
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,399	2,274	2,078	1,904	1,993	2,302
Number of Firms	336	350	334	307	309	331
Average Weekly Earnings	\$92.87	\$103.42	\$105.72	\$111.22	\$116.24	\$119.20

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	815	32.46 ****	OPERATIVES	28	1.12
Accountant/Auditor	10	0.40	Bus Driver, School	28	1.12
Case Worker	20	0.80	SERVICE WORKERS	919	36.60 ****
Social Service Aide	10	0.40	Child Care Attendant	51	2.03
Teacher, Preschool/Kindergarten	749	29.83 ***	Child-Care Worker	674	26.84 ***
MANAGERS & OFFICERS	235	9.36 *	Cleaner, Housekeeping	25	1.00
CLERICAL WORKERS	506	20.15 ***	Cook, Institutional	122	4.86
Bookkeeper	47	1.87	Janitor/Porter/Cleaner	11	0.44
General Clerk	13	0.52	Kitchen Helper	18	0.72
Secretary	21	0.84			
Teachers Aide	414	16.49 **			

1983-91 Growth Rate . . . 23.15%

1984 New Hire Rate . . . 115.95%

1991 Proj. Employment . . . 3,883



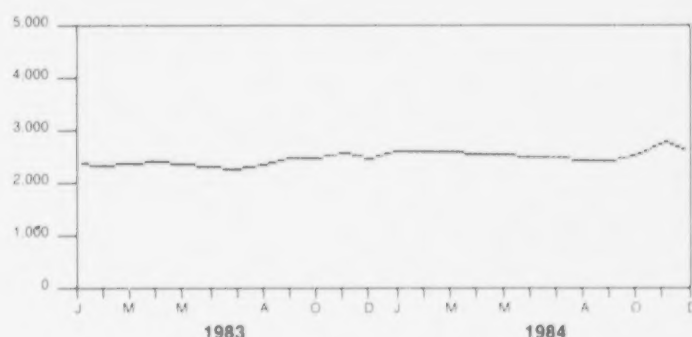
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,491	2,713	2,662	2,843	3,141	3,474
Number of Firms	199	205	206	198	203	230
Average Weekly Earnings	\$137.00	\$142.48	\$159.30	\$165.14	\$167.93	\$169.99

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	612	19.47 **	OPERATIVES	27	0.86
Case Worker	218	6.94 *	Washer Machine &/or Starcher	14	0.45
Group Recreation Worker	44	1.40	SERVICE WORKERS	1,825	58.07 *****
Nurse Professional	65	2.07	Child Care Attendant	11	0.35
Psychologist	19	0.60	Child-Care Worker	636	20.24 ***
Social Service Aide	69	2.20	Cleaner, Housekeeping	153	4.87
Vocational & Educational Counselr	19	0.60	Cook, Institutional	238	7.57 *
MANAGERS & OFFICERS	315	10.02 **	Dining Room Attendant	22	0.70
CLERICAL WORKERS	221	7.03 *	Host/Hostess	10	0.32
Bookkeeper	31	0.99	Housecleaner	14	0.45
General Clerk	28	0.89	Housekeeper	18	0.57
Receptionist	10	0.32	Janitor/Porter/Cleaner	18	0.57
Secretary	52	1.65	Kitchen Helper	113	3.60
Switchboard Oper./Receptionist	39	1.24	Licensed Practical Nurse	15	0.48
Teachers Aide	12	0.38	Nurse Aide/Orderly	298	9.48 *
Typist/Word Processor	14	0.45	Waiter or Waitress	101	3.21
CRAFT WORKERS & SUPERVISORS	114	3.63	LABORERS EXCEPT FARM	24	0.76
Carpenter	10	0.32	Gardener/Groundskeeper	24	0.76
Maintenance Repairer, Gen Utility	57	1.81			
Supervisor, Nonworking Service	36	1.15			

1983-91 Growth Rate ... 51.99%

1984 New Hire Rate ... 76.66%

1991 Proj. Employment ... 3,555



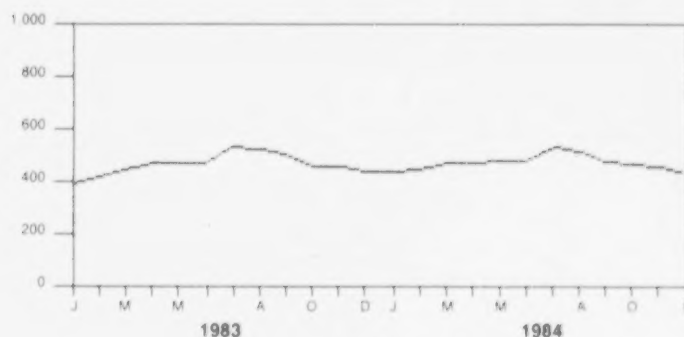
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,145	2,456	2,223	2,225	2,386	2,588
Number of Firms	245	256	236	219	239	232
Average Weekly Earnings	\$194.25	\$194.71	\$211.94	\$244.74	\$262.13	\$272.30

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	1,020	43.80 *****	CLERICAL WORKERS (cont.)		
Accountant/Auditor	17	0.73	Dispatcher, Vehicle Service/Work	10	0.43
Case Worker	427	18.33 **	General Clerk	43	1.85
Community Organization Worker	113	4.85	Receptionist	32	1.37
Emergency Medical Technician	27	1.16	Secretary	177	7.60 *
Group Recreation Worker	12	0.52	Switchboard Oper/Receptionist	21	0.90
Nurse Professional	24	1.03	Teachers Aide	34	1.46
Psychologist	15	0.64	Typist/Word Processor	90	3.86
Public Relations Practitioner	18	0.77	CRAFT WORKERS & SUPERVISORS ..	26	1.12
Social Service Aide	133	5.71 *	OPERATIVES	84	3.61
Teacher, Adult Education	31	1.33	Bus Driver	36	1.55
Teacher, Elem Sch-Vocational	20	0.86	Bus Driver, School	14	0.60
Vocational & Educational Counselr ...	43	1.85	Production Packager	26	1.12
MANAGERS & OFFICERS	361	15.50 **	SERVICE WORKERS	224	9.62 *
Public Admin Inspector, Exc Const ...	13	0.56	Child-Care Worker	18	0.77
SALES WORKERS	71	3.05	Cook, Institutional	57	2.45
Contribution Solicitor	71	3.05	Correction Officer/Jailer	60	2.58
CLERICAL WORKERS	510	21.90 ***	House Cleaner	19	0.82
Accounting Clerk	16	0.69	LABORERS EXCEPT FARM	33	1.42
Bookkeeper	51	2.19	Gardener/Groundskeeper	13	0.56

1983-91 Growth Rate . . . 51.59%

1984 New Hire Rate . . . 78.48%

1991 Proj. Employment . . . 717



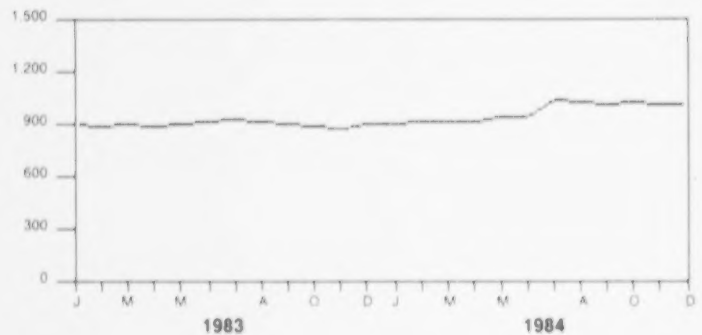
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	487	462	442	443	473	489
Number of Firms	37	38	35	28	29	30
Average Weekly Earnings	\$144.13	\$159.13	\$184.37	\$189.97	\$193.69	\$188.54

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	135	28.42 ***	CLERICAL WORKERS (cont.)		
Curator, Museum	25	5.26 *	Teachers Aide	17	3.58
Teacher, Adult Education	60	12.63 **	Typist/Word Processor	22	4.63
MANAGERS & OFFICERS	68	14.32 **	CRAFT WORKERS & SUPERVISORS ..	20	4.21
SALES WORKERS	25	5.26 *	Maintenance Repairer, Gen Utility	12	2.53
Sales Clerk	16	3.37	SERVICE WORKERS	80	16.84 **
CLERICAL WORKERS	139	29.26 ***	Guard/Doorkeeper	27	5.68 *
Library Assistant	14	2.95	Guide, Sightseeing	20	4.21
Receptionist	12	2.53	Janitor/Porter/Cleaner	27	5.68 *
Secretary	30	6.32 *			

1983-91 Growth Rate . . . 13.84%

1984 New Hire Rate . . . 76.42%

1991 Proj. Employment . . . 1,020



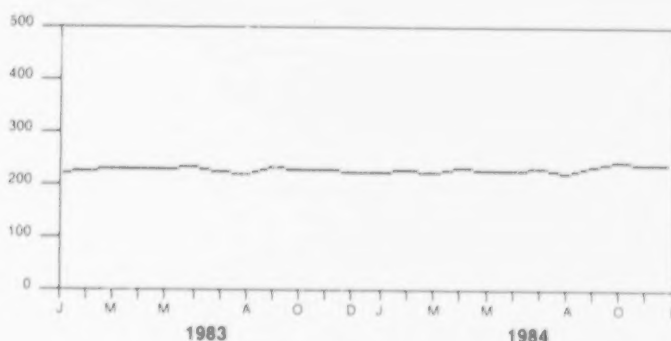
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	889	875	889	891	890	960
Number of Firms	238	243	243	248	245	247
Average Weekly Earnings	\$291.98	\$319.42	\$343.96	\$353.82	\$363.55	\$373.17

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	133	14.75 **	CLERICAL WORKERS	405	44.90 *****
Community Organization Worker	13	1.44	Accounting Clerk	11	1.22
Forester & Conservation Scientist	16	1.77	Bookkeeper	66	7.32 *
Personnel & Labor Relations Spec	22	2.44	General Clerk	37	4.10
Public Relations Practitioner	29	3.22	Receptionist	24	2.66
MANAGERS & OFFICERS	282	31.26 ****	Secretary	168	18.63 **
SALES WORKERS	40	4.43	Stenographer	22	2.44
Sales Representative	38	4.21	Switchboard Oper./Receptionist	11	1.22
			Typist/Word Processor	13	1.44
			CRAFT WORKERS & SUPERVISORS	34	3.77
			Inspector	32	3.55

1983-91 Growth Rate . . . 40.00%

1984 New Hire Rate . . . 52.47%

1991 Proj. Employment . . . 315



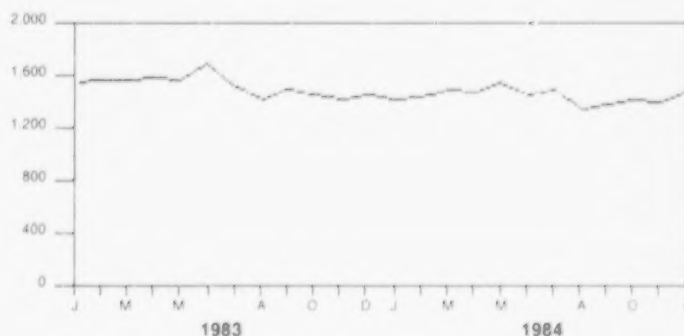
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	205	212	218	229	223	229
Number of Firms	33	33	34	34	32	34
Average Weekly Earnings	\$283.97	\$300.18	\$336.87	\$369.35	\$394.21	\$411.17

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	25	11.26 **	SERVICE WORKERS	15	6.76 *
MANAGERS & OFFICERS	68	30.63 ****	Waiter or Waitress	10	4.50
CLERICAL WORKERS	112	50.45 *****			
General Clerk	16	7.21 *			
Secretary	50	22.52 ***			
Switchboard Oper./Receptionist	16	7.21 *			

1983-91 Growth Rate . . . 0.00%

1984 New Hire Rate . . . 103.98%

1991 Proj. Employment . . . 1,500



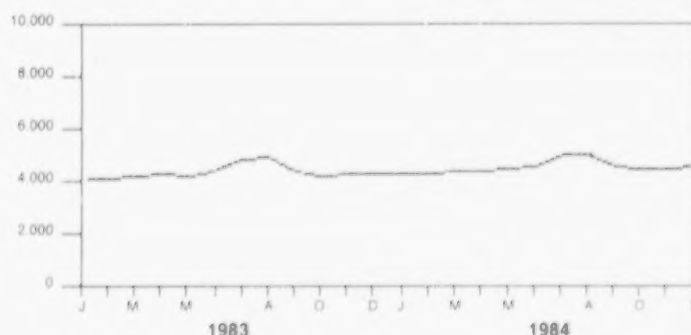
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,823	1,847	1,730	1,578	1,491	1,416
Number of Firms	336	341	330	318	298	282
Average Weekly Earnings	\$213.36	\$241.18	\$277.46	\$297.21	\$303.11	\$308.20

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	233	15.45 **	CLERICAL WORKERS (cont.)		
Accountant/Auditor	12	0.80	General Clerk	127	8.42 *
Personnel & Labor Relations Spec	193	12.80 **	Secretary	100	6.63 *
MANAGERS & OFFICERS	889	58.95 *****	Typist/Word Processor	11	0.73
CLERICAL WORKERS	353	23.41 ***	SERVICE WORKERS	31	2.06
Accounting Clerk	10	0.66	Janitor/Porter/Cleaner	13	0.86
Bookkeeper	67	4.44			

1983-91 Growth Rate . . . 40.76%

1984 New Hire Rate . . . 115.71%

1991 Proj. Employment . . . 6,081



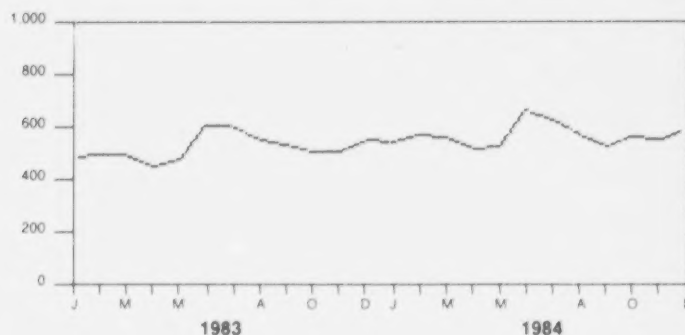
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	4,333	4,527	4,447	4,273	4,306	4,487
Number of Firms	362	363	354	341	342	348
Average Weekly Earnings	\$119.93	\$129.26	\$142.02	\$147.68	\$153.70	\$154.55

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	595	13.84 **	CRAFT WORKERS & SUPERVISORS . . .	114	2.65
Accountant/Auditor	22	0.51	Carpenter	10	0.23
Case Worker	68	1.58	Maintenance Repairer, Gen Utility . . .	70	1.63
Community Organization Worker	58	1.35	Supervisor, Nonworking Service	13	0.30
Forester & Conservation Scientist	25	0.58	OPERATIVES	27	0.63
Group Recreation Worker	66	1.54	Electrical/Electronic Assembler	10	0.23
Musician, Instrumental	16	0.37	SERVICE WORKERS	2,272	52.85 *****
Personnel & Labor Relations Spec	11	0.26	Bartender	552	12.84 **
Public Relations Practitioner	23	0.54	Checkroom &/or Locker-Room Atten . . .	18	0.42
Social Service Aide	11	0.26	Child Care Attendant	15	0.35
Sports Instructor	65	1.51	Child-Care Worker	110	2.56
Teacher, Adult Education	71	1.65	Cleaner, Housekeeping	19	0.44
Teacher, Elem Sch-Vocational	24	0.56	Cook, Institutional	50	1.16
MANAGERS & OFFICERS	482	11.21 **	Cook, Restaurant	135	3.14
SALES WORKERS	18	0.42	Cook, Short Order	11	0.26
Sales Clerk	13	0.30	Dining Room Attendant	98	2.28
CLERICAL WORKERS	705	16.40 **	Fire Fighter	27	0.63
Accounting Clerk	42	0.98	Guard/Doorkeeper	47	1.09
Bookkeeper	90	2.09	Janitor/Porter/Cleaner	185	4.30
General Clerk	106	2.47	Kitchen Helper	128	2.98
Payroll &/or Timekeeping Clerk	17	0.40	Lifeguard	133	3.09
Receptionist	102	2.37	Police Patrol Officer	24	0.56
Secretary	201	4.68	Recreation Facilities Attendant	42	0.98
Stock Clerk, Storeroom & Warehouse	11	0.26	Waiter or Waitress	601	13.98 **
Switchboard Oper/Receptionist	15	0.35	LABORERS EXCEPT FARM	86	2.00
Teachers Aide	33	0.77	Gardener/Groundskeeper	30	0.70
Typist/Word Processor	31	0.72			

1983-91 Growth Rate . . . 75.10%

1984 New Hire Rate . . . 108.65%

1991 Proj. Employment . . . 900



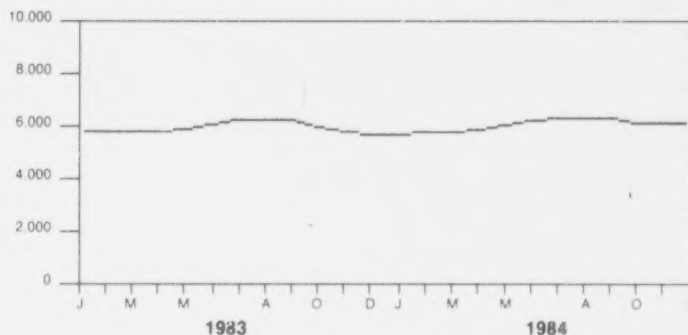
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	808	826	872	530	512	553
Number of Firms	86	84	87	78	76	86
Average Weekly Earnings	\$122.84	\$128.78	\$141.45	\$191.84	\$204.33	\$219.79

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	63	12.33 **	CLERICAL WORKERS (cont.)		
Case Worker	12	2.35	General Clerk	29	5.68 *
Social Service Aide	17	3.33	Receptionist	11	2.15
MANAGERS & OFFICERS	72	14.09 **	Secretary	33	6.46 *
SALES WORKERS	82	16.05 **	Survey Worker	15	2.94
Contribution Solicitor	18	3.52	Travel Counselor	49	9.59 *
Sales Representative	64	12.52 **	Typist/Word Processor	18	3.52
CLERICAL WORKERS	224	43.84 *****	SERVICE WORKERS	16	3.13
Bookkeeper	10	1.96	FARM WORKERS	53	10.37 **
Dispatcher, Vehicle Service/Work	25	4.89	Animal Caretaker	53	10.37 **

1983-91 Growth Rate ... 32.45%

1984 New Hire Rate ... 65.55%

1991 Proj. Employment ... 7,858



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	7,823	7,564	7,160	6,339	5,932	6,060
Number of Firms	729	737	723	697	678	676
Average Weekly Earnings	\$363.76	\$409.69	\$442.00	\$474.69	\$488.32	\$513.68

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	3,405	57.32 *****	MANAGERS & OFFICERS	556	9.36 *
Accountant/Auditor	37	0.62	Construction Inspector	14	0.24
Architect	295	4.97	Purchasing Agent &/or Buyer	27	0.45
Architect, Landscape	30	0.51	SALES WORKERS	10	0.17
Biological Science Tech	43	0.72	Sales Representative	10	0.17
Biological Scientist	51	0.86	CLERICAL WORKERS	1,014	17.07 **
Chemical Engineer	25	0.42	Accounting Clerk	51	0.86
Civil Engineer	671	11.30 **	Bookkeeper	82	1.38
Civil Engineering Technician	167	2.81	Clerical Supervisor	13	0.22
Commercial Artist	15	0.25	Computer Operator	25	0.42
Computer Programmer	12	0.20	Cost Estimator	28	0.47
Designer	26	0.44	General Clerk	116	1.95
Drafter	747	12.58 **	Key Punch/Data Entry Oper	13	0.22
Economist	11	0.19	Mail Clerk	39	0.66
Electrical/Electronic Engineer	192	3.23	Payroll &/or Timekeeping Clerk	13	0.22
Electrical/Electronic Tech	49	0.82	Personnel Clerk	22	0.37
Geologist/Geophysicist	27	0.45	Procurement Clerk	15	0.25
Lawyer	12	0.20	Real Estate Clerk	17	0.29
Mechanical Engineer	274	4.61	Receptionist	29	0.49
Mechanical Engineering Tech	76	1.28	Secretary	289	4.87
Personnel & Labor Relations Spec ...	23	0.39	Stenographer	15	0.25
Surveyor	304	5.12 *	Switchboard Oper/Receptionist	25	0.42
Systems Analyst, EDP	26	0.44	Typist/Word Processor	115	1.94
Traffic Engineer	10	0.17			
Urban & Regional Planner	21	0.35			
Writer &/or Editor	18	0.30			

(cont. on next page)

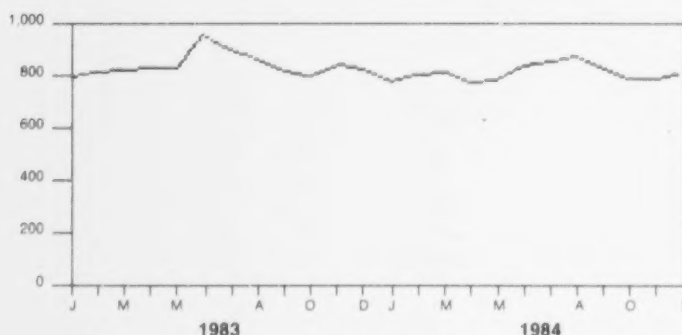
Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CRAFT WORKERS & SUPERVISORS ..	414	6.97 *	OPERATIVES	373	6.28 *
Automotive Mechanic	11	0.19	Able Seaman	11	0.19
Cable Splicer	51	0.86	Oiler	18	0.30
Crane, Derrick & Hoist Operator	12	0.20	Ordinary Seaman	14	0.24
Dredge Operator	21	0.35	Surveyor Helper, Rod/Chain/Lightkp ..	250	4.21
Hydroelectric Mach Mechanic	71	1.20	Welder/Flamecutter	18	0.30
Maintenance Mechanic	20	0.34	SERVICE WORKERS	67	1.13
Painter, Maintenance	15	0.25	Cook, Institutional	15	0.25
Press Operator &/or Plate Printer	19	0.32	Janitor/Porter/Cleaner	28	0.47
Ship Engineer	30	0.51	LABORERS EXCEPT FARM	101	1.70
Stationary Engineer	93	1.57			

892 NONCOMMERCIAL RESEARCH ORGANIZATIONS 892

1983-91 Growth Rate ... 16.25%

1984 New Hire Rate ... 106.78%

1991 Proj. Employment ... 973



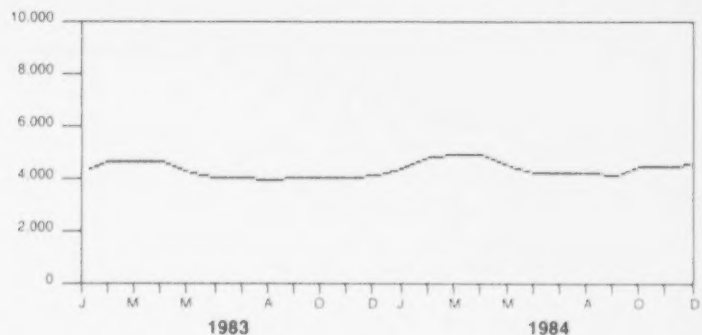
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	925	989	872	769	832	812
Number of Firms	39	36	38	39	41	41
Average Weekly Earnings	\$289.18	\$304.31	\$338.31	\$352.11	\$346.28	\$356.05

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	390	47.04 *****	MANAGERS & OFFICERS	155	18.70 **
Accountant/Auditor	10	1.21	CLERICAL WORKERS	222	26.78 ***
Biological Science Tech	46	5.55 *	Bookkeeper	13	1.57
Biological Scientist	22	2.65	Secretary	125	15.08 **
Case Worker	19	2.29	Typist/Word Processor	10	1.21
Chemist	16	1.93	CRAFT WORKERS & SUPERVISORS ..	10	1.21
Community Organization Worker	13	1.57	SERVICE WORKERS	22	2.65
Curriculum Specialist	80	9.65 *	FARM WORKERS	21	2.53
Medical Scientist	10	1.21	Animal Caretaker	21	2.53
Psychologist	26	3.14			
Sociologist	12	1.45			

1983-91 Growth Rate . . . 25.23%

1984 New Hire Rate . . . 96.38%

1991 Proj. Employment . . . 5,365



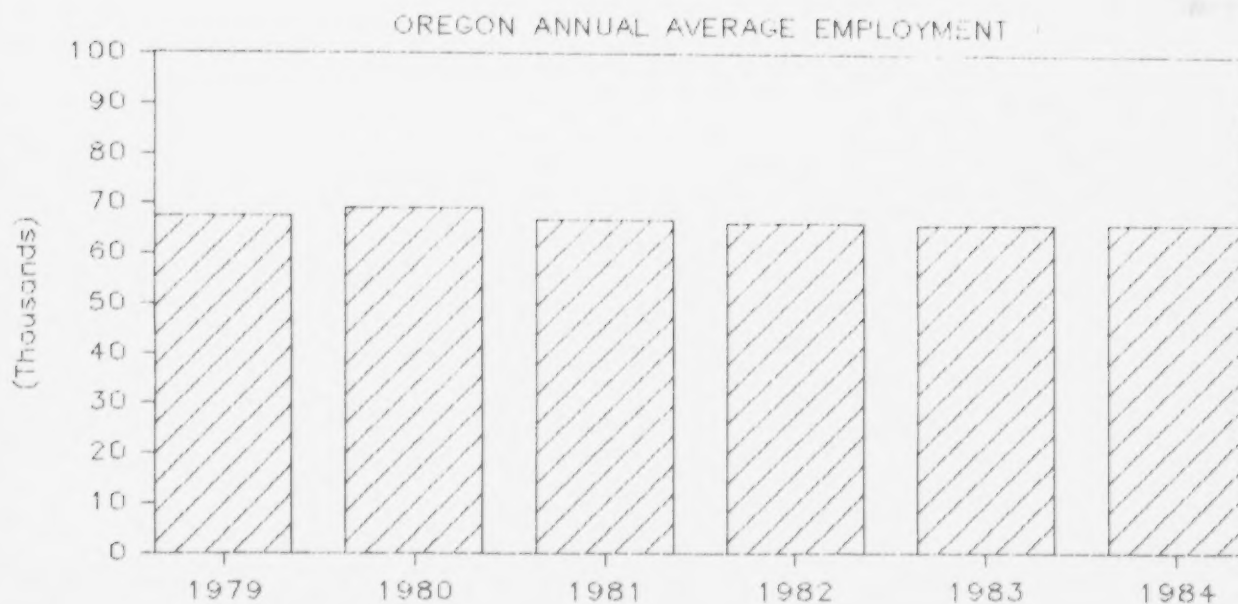
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	3,990	4,358	4,452	4,261	4,262	4,524
Number of Firms	752	799	837	887	913	956
Average Weekly Earnings	\$259.74	\$283.25	\$308.41	\$327.79	\$339.23	\$339.37

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	2,033	47.44 *****	CLERICAL WORKERS (cont.)		
Accountant/Auditor	1,773	41.38 *****	Key Punch/Data Entry Oper	54	1.26
Computer Programmer	11	0.26	Payroll &/or Timekeeping Clerk	61	1.42
Tax Preparer	244	5.68 *	Receptionist	121	2.82
MANAGERS & OFFICERS	361	8.42 *	Secretary	330	7.70 *
SALES WORKERS	13	0.30	Stenographer	13	0.30
Sales Representative	13	0.30	Stock Clerk, Storeroom & Warehouse	14	0.33
CLERICAL WORKERS	1,803	42.08 *****	Switchboard Oper/Receptionist	63	1.47
Accounting Clerk	213	4.97	Typist/Word Processor	180	4.20
Bookkeeper	358	8.35 *	CRAFT WORKERS & SUPERVISORS	54	1.26
Bookkeeping & Billing Mach Oper	27	0.63	Roofers	41	0.96
Clerical Supervisor	10	0.23	SERVICE WORKERS	19	0.44
Computer Operator	190	4.43	Janitor/Porter/Cleaner	19	0.44
General Clerk	134	3.13			

Public Administration

This division includes the legislative, judicial, administrative, and regulatory activities of state, local, and international governments. Government-owned and operated business establishments are included elsewhere according to the activity in which they are engaged.

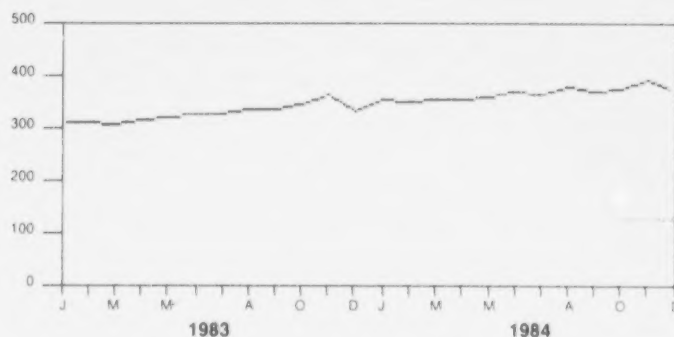
See introduction to the industry profile section for classification of federal government activities.



1983-91 Growth Rate . . . -10.77%

1984 New Hire Rate . . . 33.43%

1991 Proj. Employment . . . 290



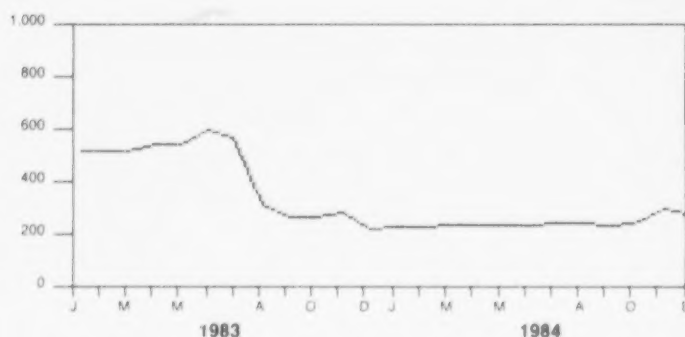
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	383	358	326	301	325	361
Number of Firms	7	7	7	7	7	8
Average Weekly Earnings	\$322.69	\$339.24	\$383.50	\$416.61	\$430.54	\$432.85

Occupation	1983 Employ- ment	Percent		Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	98	30.53	****	CLERICAL WORKERS	141	43.93 *****
Accountant/Auditor	11	3.43		Clerical Supervisor	25	7.79 *
Budget Analyst	14	4.36		Key Punch/Data Entry Oper	12	3.74
Personnel & Labor Relations Spec	30	9.35 *		Peripheral Equip Oper	11	3.43
Systems Analyst, EDP	25	7.79 *		Secretary	44	13.71 **
MANAGERS & OFFICERS	81	25.23	***	Typist/Word Processor	14	4.36

1983-91 Growth Rate . . . 9.17%

1984 New Hire Rate . . . 35.68%

1991 Proj. Employment . . . 500



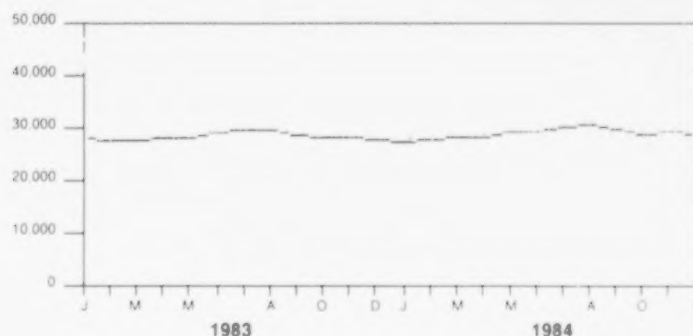
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	429	167	433	214	420	244
Number of Firms	5	5	5	5	6	6
Average Weekly Earnings	\$243.18	\$325.58	\$273.98	\$351.68	\$296.08	\$362.47

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	132	29.01 ***	CLERICAL WORKERS	71	15.60 **
Lawyer	18	3.96	General Clerk	13	2.86
MANAGERS & OFFICERS	194	42.64 *****	Secretary	22	4.84
Chief Exec, Gen Admin & Legis	159	34.95 ****	SERVICE WORKERS	50	10.99 **
			Janitor/Porter/Cleaner	30	6.59 *

1983-91 Growth Rate . . . -5.52%

1984 New Hire Rate . . . 39.58%

1991 Proj. Employment . . . 28,000



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	32,839	32,695	32,246	30,799	28,172	28,554
Number of Firms	414	407	356	264	264	261
Average Weekly Earnings	\$253.17	\$279.01	\$307.10	\$330.82	\$341.88	\$352.78

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	5,610	18.99 **	PROFESSIONAL & TECHNICAL (cont.)		
Accountant/Auditor	140	0.47	Paralegal Personnel	38	0.13
Architect, Landscape	10	0.03	Personnel & Labor Relations Spec	98	0.33
Budget Analyst	43	0.15	Physical Science Tech	40	0.14
Case Worker	584	1.98	Physical Therapist	27	0.09
Civil Engineer	269	0.91	Physician &/or Surgeon	43	0.15
Civil Engineering Technician	255	0.86	Psychologist	66	0.22
Commercial Artist	17	0.06	Public Relations Practitioner	25	0.08
Community Organization Worker	101	0.34	Social Service Aide	83	0.28
Computer Programmer	79	0.27	Sports Instructor	14	0.05
Curator, Museum	11	0.04	Surveyor	97	0.33
Dietitian/Nutritionist	21	0.07	Systems Analyst, EDP	70	0.24
Drafter	178	0.60	Tax Examiner	28	0.09
Electrical/Electronic Tech	10	0.03	Traffic Engineer	25	0.08
Emergency Medical Technician	86	0.29	Urban & Regional Planner	299	1.01
Group Recreation Worker	596	2.02	Vocational & Educational Counselr	18	0.06
Judge	147	0.50	MANAGERS & OFFICERS	2,917	9.87 *
Law Clerk	23	0.08	Assessor	382	1.29
Lawyer	347	1.17	Chief Exec, Gen Admin & Legis	298	1.01
Librarian	243	0.82	Construction Inspector	241	0.82
Magistrate	39	0.13	Public Admin Inspector, Exc Const	318	1.08
Manual Arts/Music/Rec Therapist	23	0.08	Purchasing Agent &/or Buyer	37	0.13
Nurse Professional	497	1.68	Right of Way Agent	14	0.05
Occupational Therapist	11	0.04	Town Clerk	168	0.57

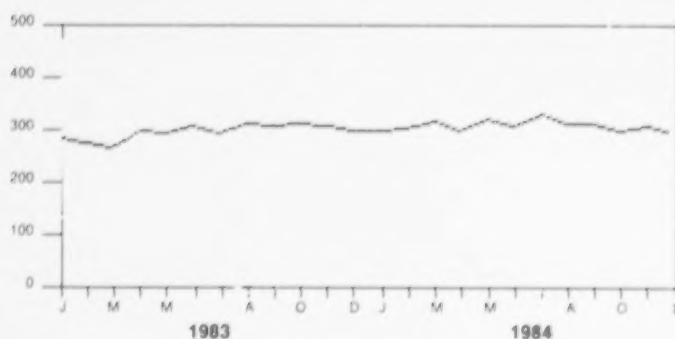
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Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CLERICAL WORKERS	6,989	23.66 ***	CRAFT WORKERS & SUPERVISORS (cont.)		
Accounting Clerk	460	1.56	Supervisor, Nonworking Exc Service ..	471	1.59
Appraiser, Real Estate	35	0.12	Supervisor, Nonworking Service	142	0.48
Bookkeeper	96	0.32	Treatment-Plant Mechanic	56	0.19
Cashier	54	0.18	Water Meter Installer	34	0.12
Clerical Supervisor	209	0.71	Water Treatment Plant Oper	232	0.79
Computer Operator	61	0.21	Water Works Pump-Station	12	0.04
Court Clerk	244	0.83	OPERATIVES	1,083	3.67
Dispatcher, Police/Fire/Ambulance	702	2.38	Bus Driver	93	0.31
Dispatcher, Vehicle Service/Work	14	0.05	Gas Station Attendant	88	0.30
File Clerk	236	0.80	Surveyor Helper, Rod/Chain/Lightkp ..	100	0.34
General Clerk	721	2.44	Truck Driver	459	1.55
Key Punch/Data Entry Oper	131	0.44	Welder/Flamecutter	15	0.05
Library Assistant	467	1.58	SERVICE WORKERS	7,863	26.61 ***
License Clerk	23	0.08	Ambulance Driver &/or Attendant	31	0.10
Meter Reader, Utilities	78	0.26	Bailiff	66	0.22
Office Machine Oper	29	0.10	Cook, Institutional	68	0.23
Payroll &/or Timekeeping Clerk	55	0.19	Correction Officer/Jailer	573	1.94
Personnel Clerk	13	0.04	Fire Fighter	1,161	3.93
Receptionist	47	0.16	Fire Inspector	50	0.17
Secretary	1,016	3.44	Fire Officer	441	1.49
Statistical Clerk	68	0.23	Food Service Worker	133	0.45
Stenographer	138	0.47	Guard/Doorkeeper	101	0.34
Stock Clerk, Storeroom & Warehouse	89	0.30	Janitor/Porter/Cleaner	338	1.14
Switchboard Oper/Receptionist	22	0.07	Kitchen Helper	42	0.14
Switchboard Oper	10	0.03	Licensed Practical Nurse	45	0.15
Tech Asst, Library	89	0.30	Lifeguard	142	0.48
Typist/Word Processor	1,366	4.62	Nurse Aide/Orderly	301	1.02
Weigher	14	0.05	Parking Enforcement Officer	87	0.29
CRAFT WORKERS & SUPERVISORS ..	3,016	10.21 **	Physicians Assistant	41	0.14
Automotive Mechanic	199	0.67	Police & Detective Supervisor	742	2.51
Carpenter	54	0.18	Police Detective	275	0.93
Cement Mason	14	0.05	Police Patrol Officer	1,743	5.90 *
Diesel Mechanic	75	0.25	Recreation Facilities Attendant	126	0.43
Electrician	40	0.14	School Crossing Guard	12	0.04
Engineering Equip Mechanic	71	0.24	Sheriff	737	2.49
Heavy Equipment Operator	640	2.17	Usher/Lobby Attend/Ticket Taker ..	235	0.80
Instrument Mechanic	15	0.05	LABORERS EXCEPT FARM	1,934	6.55 *
Line Erector/Installer-Repairer	33	0.11	Gardener/Groundskeeper	462	1.56
Maintenance Mechanic	22	0.07	Helper, Trades	13	0.04
Maintenance Repairer, Gen Utility	378	1.28	Highway Maintenance Worker	711	2.41
Painter, Maintenance	15	0.05	Pipe Layer	112	0.38
Plumber &/or Pipefitter	26	0.09	Refuse Collector	13	0.04
Press Operator &/or Plate Printer	20	0.07	FARM WORKERS	131	0.44
Radio Mechanic	13	0.04	Animal Caretaker	131	0.44
Sewage Plant Operator	353	1.19			

1983-91 Growth Rate . . . 29.21%

1984 New Hire Rate . . . 49.35%

1991 Proj. Employment . . . 376



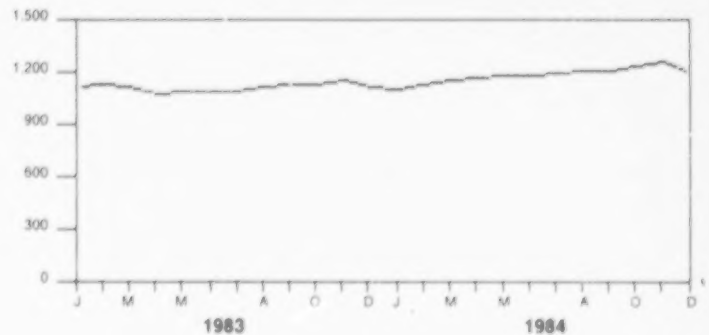
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	236	282	299	292	290	303
Number of Firms	28	29	26	23	21	23
Average Weekly Earnings	\$270.76	\$289.24	\$308.52	\$322.51	\$337.14	\$355.07

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	67	22.64 ***	CRAFT WORKERS & SUPERVISORS ..	17	5.74 *
Accountant/Auditor	42	14.19 **	OPERATIVES	16	5.41 *
MANAGERS & OFFICERS	95	32.09 ****	Gas Station Attendant	10	3.38
CLERICAL WORKERS	71	23.99 ***	SERVICE WORKERS	22	7.43 *
Secretary	23	7.77 *	Janitor/Porter/Cleaner	16	5.41 *

1983-91 Growth Rate . . . 3.31%

1984 New Hire Rate . . . 29.53%

1991 Proj. Employment . . . 250



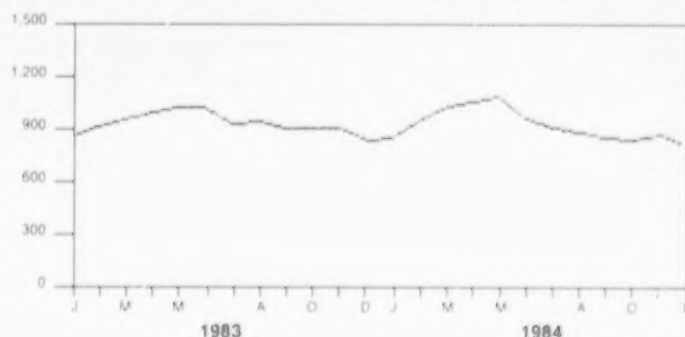
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	*	98	*	114	1,105	1,180
Number of Firms	*	3	*	4	35	35
Average Weekly Earnings	*	\$388.49	*	\$582.51	\$371.65	\$314.85

Occupation	1983 Employ- ment	Percent		Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	190	81.20	*****	CLERICAL WORKERS	38	16.24 **
Judge	159	67.95	*****	Secretary	17	7.26 *
Law Clerk	18	7.69	*			

1983-91 Growth Rate . . . 2.88%

1984 New Hire Rate . . . N.A.

1991 Proj. Employment . . . 1,000



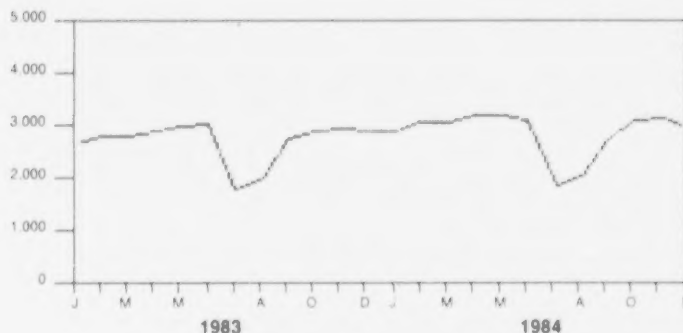
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	948	1,005	933	899	935	923
Number of Firms	19	19	19	18	18	18
Average Weekly Earnings	\$262.29	\$262.06	\$299.57	\$328.51	\$338.97	\$357.48

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	364	37.37 ****	CLERICAL WORKERS (cont.)		
Accountant/Auditor	148	15.20 **	Clerical Supervisor	29	2.98
Budget Analyst	10	1.03	File Clerk	69	7.08 *
Computer Programmer	11	1.13	General Clerk	135	13.86 **
Drafter	22	2.26	Key Punch/Data Entry Oper	51	5.24 *
Tax Examiner	126	12.94 **	Secretary	46	4.72
MANAGERS & OFFICERS	142	14.58 **	Typist/Word Processor	60	6.16 *
CLERICAL WORKERS	455	46.71 *****	LABORERS EXCEPT FARM	10	1.03
Accounting Clerk	17	1.75			
Appraiser, Real Estate	36	3.70			

1983-91 Growth Rate . . . 7.96%

1984 New Hire Rate . . . 68.41%

1991 Proj. Employment . . . 2,930



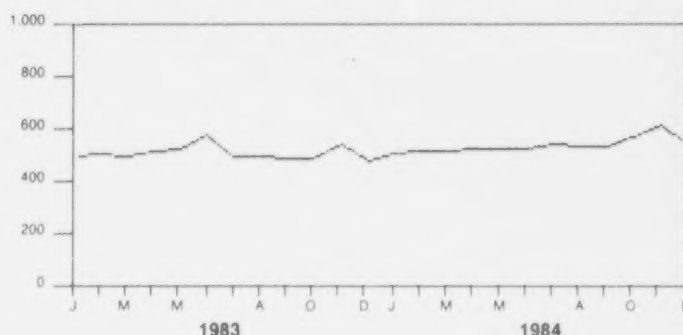
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	603	604	578	2,640	2,708	2,870
Number of Firms	3	3	4	34	34	35
Average Weekly Earnings	\$297.77	\$303.63	\$327.89	\$294.81	\$302.53	\$324.69

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	1,193	43.94 *****	CLERICAL WORKERS (cont.)		
Commercial Artist	23	0.85	Payroll &/or Timekeeping Clerk	18	0.66
Computer Programmer	10	0.37	Receptionist	11	0.41
Dietitian/Nutritionist	17	0.63	Secretary	218	8.03 *
Eligibility Worker, Welfare	15	0.55	Statistical Clerk	11	0.41
Nurse Professional	21	0.77	Stock Clerk, Storeroom & Warehouse	20	0.74
Psychologist	27	0.99	Teachers Aide	468	17.24 **
Speech & Hearing Clinician	56	2.06	Typist/Word Processor	30	1.10
Systems Analyst, EDP	13	0.48	CRAFT WORKERS & SUPERVISORS	66	2.43
Teacher, Adult Education	25	0.92	Maintenance Repairer, Gen Utility	10	0.37
Teacher, Elem Sch-Special, Exceptio	140	5.16 *	Press Operator &/or Plate Printer	18	0.66 *
Teacher, Secondary-Special, Excepti	407	14.99 **	Supervisor, Nonworking Service	13	0.48
Teacher, Substitute	123	4.53	OPERATIVES	67	2.47
Vocational & Educational Counselr	29	1.07	Bus Driver	49	1.80
MANAGERS & OFFICERS	205	7.55 *	Delivery Driver & Route Worker	15	0.55
CLERICAL WORKERS	959	35.32 ****	SERVICE WORKERS	216	7.96 *
Accounting Clerk	26	0.96	Child-Care Worker	66	2.43
Clerical Supervisor	13	0.48	Cook, Institutional	19	0.70
Computer Operator	10	0.37	Janitor/Porter/Cleaner	32	1.18
General Clerk	12	0.44	Kitchen Helper	48	1.77
Key Punch/Data Entry Oper	14	0.52	Licensed Practical Nurse	10	0.37

1983-91 Growth Rate . . . 3.95%

1984 New Hire Rate . . . 28.22%

1991 Proj. Employment . . . 552



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	675	598	531	500	507	534
Number of Firms	18	13	15	16	17	17
Average Weekly Earnings	\$283.97	\$308.95	\$342.65	\$364.07	\$373.28	\$385.69

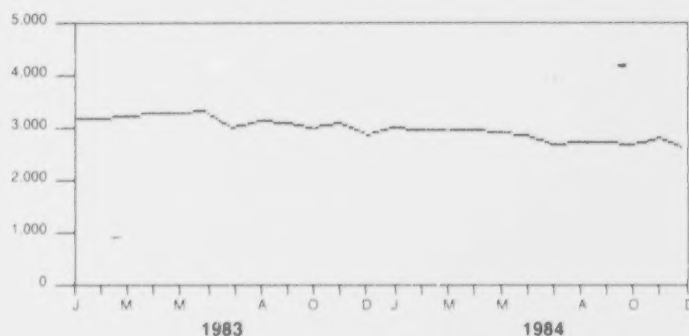
Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	181	32.79 ****	CLERICAL WORKERS	203	36.78 ****
Accountant/Auditor	14	2.54	Accounting Clerk	26	4.71
Biological Scientist	18	3.26	Clerical Supervisor	17	3.08
Case Worker	24	4.35	General Clerk	22	3.99
Community Organization Worker	32	5.80 *	Key Punch/Data Entry Oper	15	2.72
Nurse Professional	12	2.17	License Clerk	14	2.54
Statistician	11	1.99	Secretary	40	7.25 *
Tax Examiner	17	3.08	Typist/Word Processor	23	4.17
MANAGERS & OFFICERS	164	29.71 ***			
Public Admin Inspector, Exc Const	39	7.07 *			

944 ADMIN OF SOCIAL & MANPOWER PROGRAMS 944

1983-91 Growth Rate . . . -10.52%

1984 New Hire Rate . . . 13.86%

1991 Proj. Employment . . . 2,790



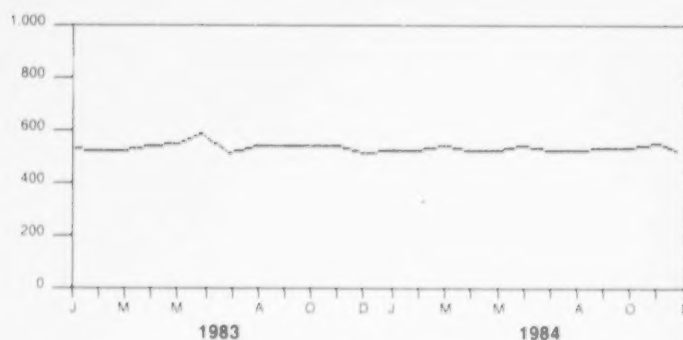
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	2,319	2,334	2,170	2,308	3,114	2,799
Number of Firms	27	40	25	47	68	57
Average Weekly Earnings	\$288.08	\$281.09	\$322.52	\$342.79	\$354.25	\$366.96

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	1,287	41.18 *****	CLERICAL WORKERS	1,160	37.12 ****
Accountant/Auditor	100	3.20	Accounting Clerk	91	2.91
Case Worker	170	5.44 *	Clerical Supervisor	109	3.49
Claims Taker, Unemployment Benefit	313	10.02 **	Computer Operator	26	0.83
Community Organization Worker	34	1.09	File Clerk	59	1.89
Computer Programmer	26	0.83	General Clerk	95	3.04
Economist	39	1.25	Key Punch/Data Entry Oper	97	3.10
Eligibility Worker, Welfare	33	1.06	Mail Clerk	27	0.86
Employment Interviewer	175	5.60 *	Payroll &/or Timekeeping Clerk	10	0.32
Nurse Professional	19	0.61	Receptionist	51	1.63
Systems Analyst, EDP	38	1.22	Secretary	169	5.41 *
Tax Examiner	22	0.70	Statistical Clerk	18	0.58
Vocational & Educational Counselr	12	0.38	Stenographer	14	0.45
MANAGERS & OFFICERS	653	20.90 ***	Stock Clerk, Storeroom & Warehouse	16	0.51
Public Admin Inspector, Exc Const	71	2.27	Typist/Word Processor	184	5.89 *

1983-91 Growth Rate . . . 11.94%

1984 New Hire Rate . . . 23.70%

1991 Proj. Employment . . . 600



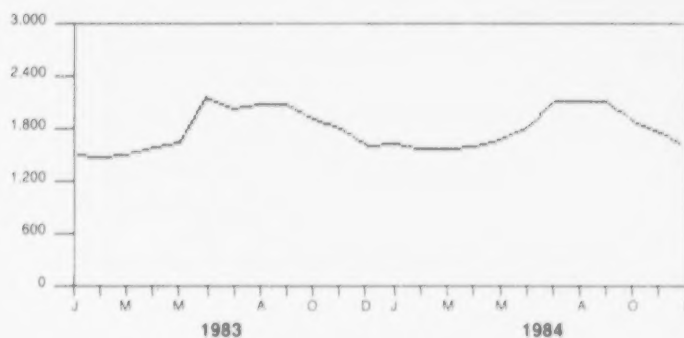
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	540	605	585	535	537	529
Number of Firms	17	15	16	15	14	14
Average Weekly Earnings	\$251.57	\$258.31	\$292.46	\$328.78	\$345.84	\$357.22

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	49	9.16 *	CLERICAL WORKERS (cont.)		
Tax Examiner	23	4.30	General Clerk	43	8.04 *
MANAGERS & OFFICERS	183	34.21 ****	Key Punch/Data Entry Oper	10	1.87
CLERICAL WORKERS	300	56.07 *****	Office Machine Oper	12	2.24
Accounting Clerk	22	4.11	Receptionist	18	3.36
Appraiser, Real Estate	48	8.97 *	Secretary	19	3.55
Clerical Supervisor	35	6.54 *	Typist/Word Processor	45	8.41 *

1983-91 Growth Rate ... 2.09%

1984 New Hire Rate ... 18.16%

1991 Proj. Employment ... 1,805



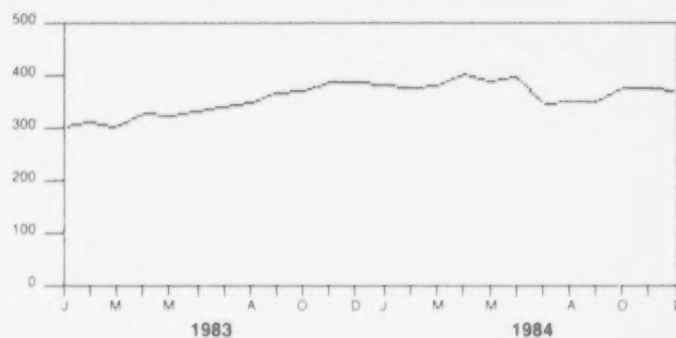
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,979	1,884	1,689	1,728	1,767	1,788
Number of Firms	167	120	123	114	112	112
Average Weekly Earnings	\$272.38	\$290.94	\$330.24	\$340.82	\$346.45	\$365.74

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	921	52.33 *****	CLERICAL WORKERS (cont.)		
Biological Science Tech	206	11.70 **	Dispatcher, Police/Fire/Ambulance ..	17	0.97
Biological Scientist	202	11.48 **	General Clerk	34	1.93
Civil Engineer	34	1.93	Receptionist	17	0.97
Forest Conservation Worker	284	16.14 **	Secretary	74	4.20
Forester & Conservation Scientist	72	4.09	Typist/Word Processor	37	2.10
MANAGERS & OFFICERS	337	19.15 **	CRAFT WORKERS & SUPERVISORS ..	47	2.67
Public Admin Inspector, Exc Const ...	70	3.98	SERVICE WORKERS	10	0.57
CLERICAL WORKERS	271	15.40 **	LABORERS EXCEPT FARM	168	9.55 *
Accounting Clerk	18	1.02	Fish Marker	154	8.75 *
Clerical Supervisor	13	0.74			

1983-91 Growth Rate . . . 107.51%

1984 New Hire Rate . . . 48.00%

1991 Proj. Employment . . . 718



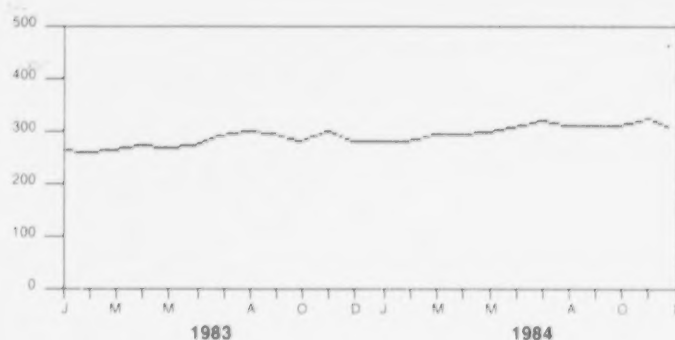
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	592	458	348	282	343	383
Number of Firms	21	21	18	16	17	18
Average Weekly Earnings	\$195.42	\$240.24	\$287.29	\$272.46	\$220.81	\$233.24

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	150	43.48 *****	CLERICAL WORKERS	92	26.67 ***
Social Service Aide	29	8.41 *	Accounting Clerk	11	3.19
Urban & Regional Planner	29	8.41 *	Secretary	29	8.41 *
Vocational & Educational Counselor	22	6.38 *	Typist/Word Processor	20	5.80 *
MANAGERS & OFFICERS	80	23.19 ***	SERVICE WORKERS	16	4.64
			Cook, Institutional	14	4.06

1983-91 Growth Rate . . . 106.76%

1984 New Hire Rate . . . 29.38%

1991 Proj. Employment . . . 581



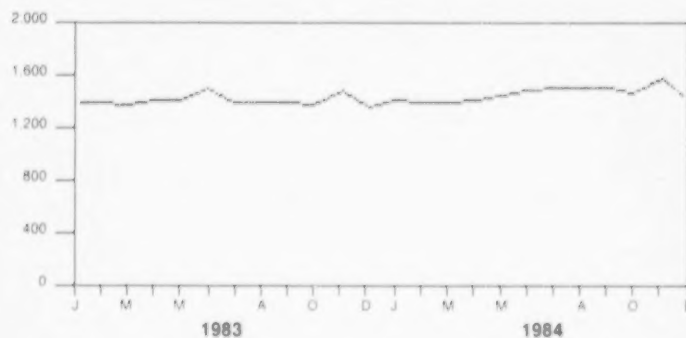
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	171	267	305	255	276	302
Number of Firms	12	18	22	20	21	21
Average Weekly Earnings	\$354.61	\$356.01	\$341.61	\$422.89	\$442.64	\$452.36

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	102	36.69 ****	MANAGERS & OFFICERS	92	33.09 ****
Economist	11	3.96	Construction Inspector	11	3.96
Geologist/Geophysicist	12	4.32	CLERICAL WORKERS	83	29.86 ***
Urban & Regional Planner	11	3.96	Secretary	25	8.99 *
			Typist/Word Processor	11	3.96

1983-91 Growth Rate . . . 11.35%

1984 New Hire Rate . . . 20.36%

1991 Proj. Employment . . . 1,521



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,412	1,439	1,373	1,362	1,365	1,419
Number of Firms	53	57	55	57	55	55
Average Weekly Earnings	\$257.16	\$266.00	\$298.10	\$323.82	\$341.81	\$344.90

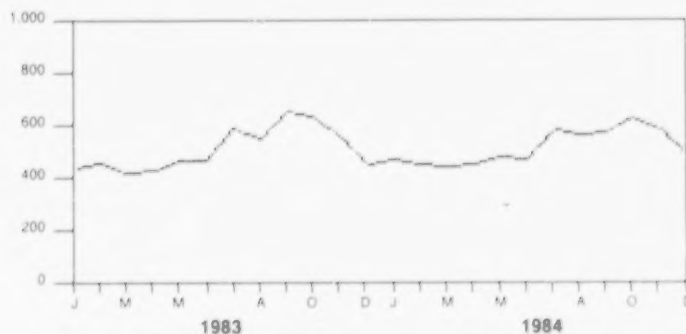
Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	209	15.29 **	CLERICAL WORKERS (cont.)		
Accountant/Auditor	56	4.10	Key Punch/Data Entry Oper	50	3.66
Computer Programmer	14	1.02	License Clerk	259	18.95 **
Economist	17	1.24	Mail Clerk	13	0.95
Systems Analyst, EDP	29	2.12	Office Machine Oper	10	0.73
MANAGERS & OFFICERS	275	20.12 ***	Secretary	60	4.39
Public Admin Inspector, Exc Const	23	1.68	Switchboard Oper	37	2.71
CLERICAL WORKERS	819	59.91 *****	Typist/Word Processor	30	2.19
Accounting Clerk	21	1.54	CRAFT WORKERS & SUPERVISORS	27	1.98
Clerical Supervisor	51	3.73	Maintenance Repairer, Gen Utility	13	0.95
Computer Operator	13	0.95	OPERATIVES	22	1.61
File Clerk	20	1.46	Bus Driver	15	1.10
General Clerk	40	2.93			

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1983-91 Growth Rate . . . 8.40%

1984 New Hire Rate . . . 83.25%

1991 Proj. Employment . . . 555



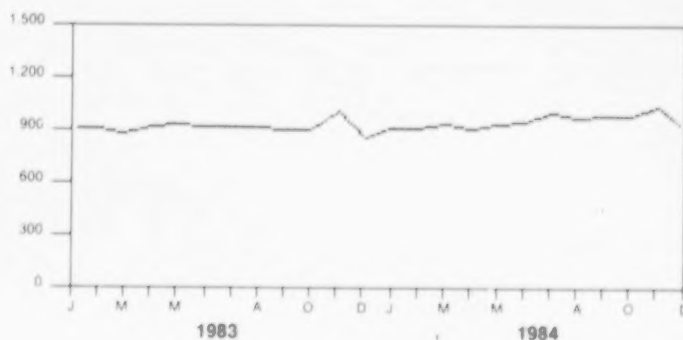
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	566	559	588	531	508	510
Number of Firms	43	42	42	41	39	39
Average Weekly Earnings	\$227.75	\$228.68	\$240.31	\$259.84	\$275.13	\$282.73

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	62	12.20 **	CLERICAL WORKERS	70	13.78 **
Biological Science Tech	12	2.36	Secretary	20	3.94
Veterinarian	11	2.17	Typist/Word Processor	21	4.13
MANAGERS & OFFICERS	278	54.72 *****	CRAFT WORKERS & SUPERVISORS . .	18	3.54
Public Admin Inspector, Exc Const . .	198	38.98 *****	Maintenance Repairer, Gen Utility . .	10	1.97
			SERVICE WORKERS	19	3.74
			LABORERS EXCEPT FARM	59	11.61 **

1983-91 Growth Rate . . . 26.39%

1984 New Hire Rate . . . 35.71%

1991 Proj. Employment . . . 1,231



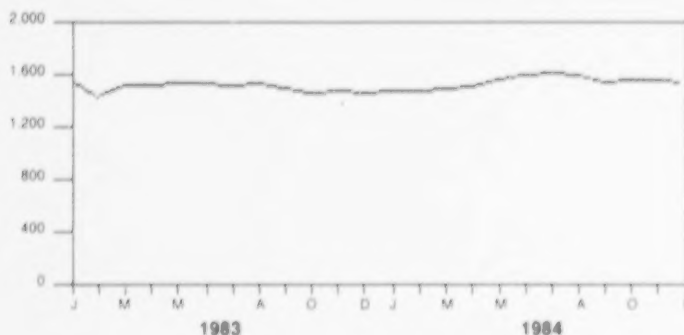
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,014	1,060	982	913	917	967
Number of Firms	52	50	50	47	48	46
Average Weekly Earnings	\$295.41	\$301.81	\$332.25	\$356.53	\$374.59	\$368.17

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	91	9.39 *	CLERICAL WORKERS (cont.)		
Accountant/Auditor	19	1.96	License Clerk	12	1.24
MANAGERS & OFFICERS	472	48.71 *****	Receptionist	23	2.37
Construction Inspector	16	1.65	Secretary	84	8.67 *
Public Admin Inspector, Exc Const	184	18.99 **	Stock Clerk, Storeroom & Warehouse	23	2.37
SALES WORKERS	14	1.44	Typist/Word Processor	48	4.95
Sales Clerk	14	1.44	OPERATIVES	10	1.03
CLERICAL WORKERS	330	34.06 ****	Truck Driver	10	1.03
Accounting Clerk	15	1.55	SERVICE WORKERS	29	2.99
Clerical Supervisor	38	3.92	Fire Inspector	16	1.65
General Clerk	16	1.65	LABORERS EXCEPT FARM	16	1.65

1983-91 Growth Rate . . . 4.01%

1984 New Hire Rate . . . 18.45%

1991 Proj. Employment . . . 1,582



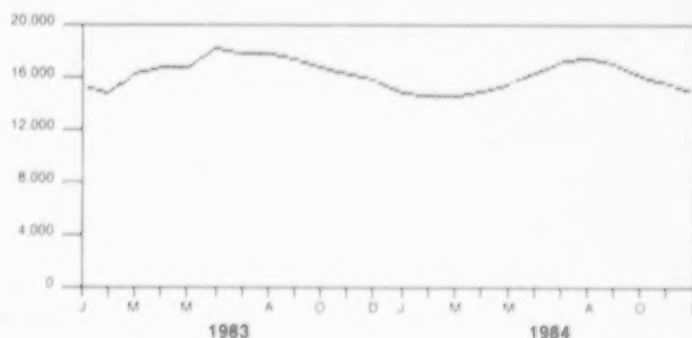
	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	1,658	1,519	1,496	1,513	1,499	1,551
Number of Firms	40	40	43	44	48	48
Average Weekly Earnings	\$342.18	\$359.46	\$401.93	\$406.23	\$434.91	\$446.94

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	158	10.46 **	CRAFT WORKERS & SUPERVISORS (cont.)		
Airplane Pilot	15	0.99	Electrician	15	0.99
Personnel & Labor Relations Spec	13	0.86	Electronic Mechanic	108	7.15 *
MANAGERS & OFFICERS	163	10.79 **	Engineering Equip Mechanic	36	2.38
Public Admin Inspector, Exc Const	14	0.93	Maintenance Mechanic	26	1.72
CLERICAL WORKERS	320	21.19 ***	Maintenance Repairer, Gen Utility	53	3.51
Accounting Clerk	18	1.19	Supervisor, Nonworking Exc Service	11	0.73
General Clerk	51	3.38	OPERATIVES	94	6.23 *
Payroll &/or Timekeeping Clerk	10	0.66	Loading Machine Oper	44	2.91
Personnel Clerk	30	1.99	Truck Driver	10	0.66
Production Clerk	12	0.79	SERVICE WORKERS	237	15.70 **
Secretary	27	1.79	Fire Fighter	11	0.73
Switchboard Oper	13	0.86	Guard/Doorkeeper	154	10.20 **
Typist/Word Processor	30	1.99	Janitor/Porter/Cleaner	52	3.44
CRAFT WORKERS & SUPERVISORS	507	33.58 ****	LABORERS EXCEPT FARM	31	2.05
Aircraft Mechanic	127	8.41 *			
Automotive Mechanic	29	1.92			

1983-91 Growth Rate . . . 3.08%

1984 New Hire Rate . . . N.A.

1991 Proj. Employment . . . 17,000



	1979	1980	1981	1982	1983	1984
Wage & Salary Employment	17,098	18,700	17,524	16,710	16,543	16,022
Number of Firms	364	402	374	375	383	384
Average Weekly Earnings	\$334.41	\$337.75	\$384.28	\$415.04	\$432.00	\$467.89

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
PROFESSIONAL & TECHNICAL	10,277	62.27 *****	PROFESSIONAL & TECHNICAL (cont.)		
Accountant/Auditor	176	1.07	Mechanical Engineer	27	0.16
Agricultural Scientist	101	0.61	Metallurgist/Metallurgical Engineer	30	0.18
Air Traffic Controller	146	0.88	Meteorologist	28	0.17
Airplane Pilot	10	0.06	Nurse Professional	18	0.11
Architect	12	0.07	Personnel & Labor Relations Spec	148	0.90
Architect, Landscape	39	0.24	Physical Science Tech	102	0.62
Biological Science Tech	2,578	15.62 **	Public Relations Practitioner	33	0.20
Biological Scientist	431	2.61	Social Service Aide	56	0.34
Chemical Engineer	16	0.10	Statistician	16	0.10
Chemist	49	0.30	Surveyor	250	1.51
Civil Engineer	387	2.35	Systems Analyst, EDP	135	0.82
Commercial Artist	19	0.12	Tax Examiner	251	1.52
Computer Programmer	91	0.55	Teacher, Adult Education	62	0.38
Drafter	36	0.22	Veterinarian	26	0.16
Economist	91	0.55	Writer &/or Editor	42	0.25
Electrical/Electronic Engineer	260	1.58	MANAGERS & OFFICERS	1,788	10.83 **
Electrical/Electronic Tech	164	0.99	Construction Inspector	39	0.24
Forest Conservation Worker	956	5.79 *	Fish & Game Warden	11	0.07
Forester & Conservation Scientist	1,321	8.00 *	Public Admin Inspector, Exc Const	516	3.13
Geologist/Geophysicist	129	0.78	Purchasing Agent &/or Buyer	208	1.26
Judge	18	0.11	CLERICAL WORKERS	2,945	17.85 **
Law Clerk	49	0.30	Accounting Clerk	163	0.99
Lawyer	77	0.47	Appraiser, Real Estate	32	0.19
Mathematician	12	0.07	Bookkeeper	64	0.39

(cont. on next page)

Occupation	1983 Employ- ment	Percent	Occupation	1983 Employ- ment	Percent
CLERICAL WORKERS (cont.)			CRAFT WORKERS & SUPERVISORS (cont.)		
Claims Clerk	115	0.70	Engineering Equip Mechanic	27	0.16
Clerical Supervisor	47	0.28	Heavy Equipment Operator	271	1.64
Computer Operator	23	0.14	Hydroelectric Mach Mechanic	57	0.35
General Clerk	315	1.91	Line Erector/Installer-Repairer	53	0.32
Key Punch/Data Entry Oper	45	0.27	Maintenance Mechanic	15	0.09
Mail Clerk	87	0.53	Maintenance Repairer, Gen Utility	149	0.90
Office Machine Oper	19	0.12	Offset Lithographic Press Oper	23	0.14
Payroll &/or Timekeeping Clerk	34	0.21	Stationary Engineer	17	0.10
Personnel Clerk	200	1.21	Supervisor, Nonworking Exc Service	24	0.15
Procurement Clerk	64	0.39	OPERATIVES	117	0.71
Real Estate Clerk	66	0.40	Gas Station Attendant	10	0.06
Receptionist	56	0.34	Industrial Truck Operator	20	0.12
Secretary	324	1.96	Rotary Drill Operator	26	0.16
Statistical Clerk	20	0.12	Truck Driver	43	0.26
Stenographer	40	0.24	SERVICE WORKERS	322	1.95
Switchboard Oper	24	0.15	Child-Care Worker	42	0.25
Typist/Word Processor	606	3.67	Cook, Institutional	12	0.07
CRAFT WORKERS & SUPERVISORS ..	785	4.75	Janitor/Porter/Cleaner	51	0.31
Automotive Mechanic	54	0.33	Police & Detective Supervisor	24	0.15
Camera Operator	18	0.11	Police Detective	156	0.95
Carpenter	12	0.07	U.S. Marshall	13	0.08
Electric Instrument Repairer	13	0.08	LABORERS EXCEPT FARM	264	1.60
Electronic Mechanic	18	0.11	Gardener/Groundskeeper	29	0.18



APPENDIX



OREGON NONAGRICULTURAL WAGE & SALARY EMPLOYMENT 1983 ^{1/} (in thousands)

	Annual Average ^{2/}	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
TOTAL WAGE & SALARY	966.7	929.7	931.9	940.1	952.6	963.6	986.9	964.6	969.9	980.1	994.1	991.5	983.4
Wage & Salary Empl Index (1977 = 100) ^{3/}	103.2	101.4	101.7	101.8	102.4	102.7	103.8	103.0	103.1	103.7	104.4	105.0	105.0
Diffusion index ^{4/}	58.1	46.2	45.0	50.0	53.9	59.7	65.5	62.0	65.5	60.1	63.9	63.9	62.0
MANUFACTURING, TOTAL	188.8	175.3	176.1	178.1	175.5	182.2	192.8	195.4	201.0	201.3	199.2	194.4	189.6
Durable Goods	135.1	126.3	126.6	128.2	129.8	131.8	137.2	139.0	140.7	141.1	141.1	140.6	138.4
Lumber & Wood Products	62.6	54.7	56.0	57.2	58.8	60.9	65.1	66.4	67.6	68.0	67.2	65.8	63.7
Logging & Sawmills	32.8	28.1	29.3	29.9	30.2	31.6	34.3	35.2	36.0	36.2	35.5	34.5	32.6
Veneer & Plywood	17.7	16.6	16.7	16.9	17.3	17.3	17.8	18.4	18.4	18.4	18.4	18.0	17.9
Millwork & Structural Wood	7.2	5.7	5.8	6.0	6.7	7.1	7.7	7.6	7.8	7.9	7.9	8.0	7.9
Mobile Homes	1.5	1.2	1.1	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.7	1.7	1.7
Other Wood Products	3.5	3.0	3.1	3.1	3.2	3.4	3.7	3.6	3.7	3.7	3.7	3.6	3.6
Furniture & Fixtures	2.4	2.2	2.2	2.3	2.4	2.4	2.4	2.5	2.6	2.6	2.5	2.6	2.5
Stone, Clay, Glass, & Concrete Prod	3.0	2.8	2.7	2.8	2.9	3.0	3.2	3.1	3.3	3.1	3.1	2.9	2.6
Primary Metals	7.5	7.0	7.1	7.2	7.2	7.3	7.4	7.6	7.8	7.6	7.8	8.1	8.3
Blast Furnaces & Iron/Steel Found	4.0	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.1	3.8	3.8	4.1	4.3
Nonferrous Metals	3.6	3.1	3.2	3.3	3.3	3.4	3.5	3.6	3.7	3.8	4.0	4.0	4.0
Fabricated Metals	9.4	9.0	8.8	8.7	8.7	8.9	9.4	9.4	9.9	10.2	10.3	10.0	10.0
Fabricated Structural Metals	4.1	3.7	3.7	3.7	3.7	3.9	4.2	4.3	4.4	4.5	4.4	4.3	4.3
Other Fabricated Metals	5.4	5.3	5.1	5.0	5.0	5.0	5.2	5.1	5.5	5.7	5.9	5.7	5.7
Machinery	15.2	15.0	15.0	15.0	15.1	14.9	15.1	15.3	15.4	15.2	15.4	15.5	15.6
Electrical Equipment & Supplies	10.7	10.0	9.8	9.9	10.2	10.3	10.4	10.9	11.1	11.2	11.3	11.5	11.6
Transportation Equipment	7.1	7.4	7.0	7.4	7.1	7.0	7.3	7.2	6.4	6.6	7.0	7.5	7.3
Instruments & Related Products	14.8	16.1	15.8	15.5	15.2	14.9	14.6	14.3	14.2	14.1	14.0	14.1	14.3
Miscellaneous Manufacturing	2.3	2.1	2.2	2.2	2.2	2.2	2.3	2.3	2.4	2.5	2.5	2.6	2.5
Nondurable Goods	53.8	50.0	49.5	49.9	49.7	50.4	55.6	56.4	60.3	60.2	58.1	53.8	51.2
Food & Kindred Products	24.2	20.8	20.5	20.9	20.9	21.1	26.1	26.5	30.3	30.2	28.0	23.6	20.9
Canning & Preserving	14.1	10.8	10.7	11.4	11.3	11.4	16.1	16.3	20.2	19.9	17.5	13.2	10.7
Other Food Products	10.0	10.0	9.8	9.5	9.6	9.7	10.0	10.2	10.1	10.3	10.5	10.4	10.2
Textile Mill Products	1.7	1.8	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7
Apparel	2.6	2.5	2.5	2.6	2.5	2.5	2.5	2.6	2.5	2.7	2.6	2.6	2.6
Paper & Allied Products	9.3	9.5	9.3	9.3	9.2	9.2	9.4	9.6	9.5	9.2	9.3	9.3	9.3
Printing & Publishing	10.4	10.3	10.3	10.2	10.1	10.3	10.2	10.3	10.5	10.5	10.6	10.7	10.8
Chemicals & Allied Products	2.2	2.0	2.0	2.0	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Petroleum Refining	5	5	5	5	5	5	5	5	5	5	5	5	5
Rubber & Plastic Products	2.5	2.2	2.3	2.3	2.4	2.5	2.6	2.5	2.6	2.7	2.7	2.7	2.7
Leather Products	5	4	4	4	4	5	5	5	5	5	5	5	5
NONMANUFACTURING, TOTAL	778.1	753.4	755.8	762.0	773.1	781.4	796.1	789.2	788.9	788.8	794.9	797.1	793.8
Mining & Quarrying	1.6	1.3	1.4	1.4	1.4	1.6	1.8	1.8	1.9	1.9	1.8	1.6	1.4
Construction	27.0	23.0	22.3	22.3	23.9	25.3	27.6	29.5	31.2	31.6	31.6	28.6	26.7
Trans. Comm. & Utilities	55.4	54.2	54.4	54.6	54.7	55.1	55.9	56.3	51.3	57.4	57.1	56.9	57.2
Transportation	32.0	30.2	30.4	30.6	30.8	31.2	31.9	32.4	32.6	33.7	33.4	33.1	33.4
Railroad	5.4	5.3	5.3	5.3	5.4	5.4	5.4	5.4	5.3	5.4	5.6	5.5	5.5
Trucking & Warehousing	16.7	15.1	15.3	15.4	15.6	16.1	16.7	17.5	17.8	18.1	17.6	17.3	17.8
Other Transportation	9.9	9.8	9.8	9.9	9.8	9.7	9.8	9.5	9.5	10.2	10.2	10.1	10.1
Communications	14.8	15.3	15.3	15.2	15.1	15.1	15.2	15.1	10.0	15.1	15.2	15.3	15.3
Utilities	8.7	8.7	8.7	8.8	8.8	8.8	8.8	8.8	8.7	8.6	8.5	8.5	8.5
Trade	242.6	230.3	228.8	231.6	236.3	240.2	246.3	246.1	248.1	250.9	247.8	251.2	253.0
Wholesale Trade	62.6	60.1	60.1	60.7	60.7	61.4	62.5	63.2	64.3	65.3	64.5	64.9	63.5
Durable Goods	36.8	35.4	35.4	35.7	36.1	36.5	37.0	37.8	37.7	37.7	37.6	37.5	37.4
Nondurable Goods	25.8	24.7	24.7	25.0	24.6	24.9	25.5	25.4	26.6	27.6	26.9	27.4	26.1
Retail Trade	180.0	170.2	168.7	170.9	175.6	178.8	183.8	182.9	183.8	185.6	183.3	186.3	189.5
General Merchandise	24.0	23.9	23.1	22.6	22.9	22.8	23.3	23.5	23.5	23.8	24.2	24.4	24.0
Food Stores	27.2	25.9	25.7	25.8	27.2	27.6	28.3	27.5	27.6	27.5	27.5	27.9	28.3
Auto Dealers & Service Stations	22.0	20.4	20.5	20.8	21.3	21.8	22.4	22.7	23.0	23.1	22.7	22.6	22.6
Other Retail Trade	106.7	100.0	99.4	101.7	104.2	106.6	109.8	109.2	109.7	111.2	108.9	109.4	110.6
Finance, Ins. & Real Estate	54.5	62.6	62.6	63.3	64.1	64.4	65.5	65.5	66.0	65.8	65.0	64.5	64.6
Banking & Credit Agencies	23.5	23.4	23.3	23.4	23.3	23.2	23.4	23.6	23.6	23.6	23.6	23.5	23.5
Other Finance, Ins. & Real Estate	41.0	39.2	39.3	39.9	40.8	41.2	42.1	41.9	42.4	42.2	41.4	41.0	41.1
Services	194.6	187.1	189.8	191.4	194.5	195.2	197.2	194.9	195.2	197.6	196.9	197.4	197.8
Hotels & Personal Services	23.0	22.1	22.0	22.5	23.5	23.4	23.9	23.5	23.9	23.6	22.7	22.3	22.1
Health Services	66.4	65.2	65.4	65.7	66.3	66.1	67.1	67.1	67.2	67.2	66.3	66.3	66.3
Other Services	105.3	99.8	102.4	103.2	104.7	105.7	106.2	104.3	104.1	106.8	107.9	108.8	109.4
Government	192.3	194.9	196.5	197.4	198.2	199.6	201.8	175.1	175.2	183.6	194.7	196.9	193.1
Federal	29.0	28.1	27.9	28.1	28.3	29.1	30.3	30.4	30.3	30.1	29.2	28.4	28.2
State Government	51.7	51.7	52.2	52.1	52.6	52.7	54.1	48.7	49.1	49.0	53.3	54.0	51.3
Education	21.5	22.5	22.9	22.8	22.6	22.6	22.4	17.7	17.4	17.7	23.0	23.2	22.7
Other State	30.3	29.2	29.3	29.3	30.0	30.1	31.7	31.0	31.7	31.3	30.3	30.8	28.6
Local Government	111.5	115.1	116.4	117.2	117.3	117.8	117.4	98.0	95.8	104.5	112.2	114.5	113.6
Education	69.4	73.5	75.3	76.0	75.5	75.9	74.3	52.3	52.2	61.9	70.6	73.0	72.3
Other Local	42.1	41.6	41.1	41.2	41.8	41.9	43.1	43.7	43.6	42.6	41.6	41.5	41.3
LABOR-MANAGEMENT DISPUTES	1.3	0	0	2	2	5	7	7	6.9	2.5	1.4	1.4	1.4



APPENDIX



OREGON NONAGRICULTURAL WAGE & SALARY EMPLOYMENT 1984 ^{1/} (in thousands)

	Annual Average ^{2/}	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
TOTAL WAGE & SALARY	1,006.9	965.4	973.9	984.1	993.2	1,003.6	1,015.8	1,009.9	1,020.3	1,033.6	1,033.1	1,029.5	1,020.5
Wage & Salary Empl Index (1977 = 100) ^{3/}	107.5	105.4	106.2	106.6	106.9	107.0	106.7	108.0	108.4	108.4	108.4	108.7	108.8
Diffusion Index ^{4/}	58.7	58.1	62.4	65.9	66.7	57.7	56.2	58.9	62.4	58.5	53.1	51.2	52.7
MANUFACTURING, TOTAL	201.1	188.1	192.2	192.5	194.9	197.2	200.3	209.5	215.5	214.0	209.2	202.0	196.1
Durable Goods	146.7	137.7	141.1	141.6	144.6	145.7	148.1	151.8	153.2	152.4	150.3	147.4	146.0
Lumber & Wood Products	66.7	62.8	64.4	64.3	65.1	65.9	67.9	69.9	70.2	70.0	68.3	66.3	64.7
Logging & Sawmills	35.4	33.0	33.7	33.7	33.7	34.7	36.4	38.1	38.2	37.9	36.7	35.0	33.7
Veneer & Plywood	17.6	17.1	17.7	17.5	17.9	17.5	17.5	17.6	17.7	18.0	17.6	17.4	17.3
Millwork & Structural Wood	8.2	7.9	7.9	7.9	8.0	8.1	8.2	8.4	8.5	8.5	8.4	8.4	8.3
Mobile Homes	1.7	1.4	1.6	1.6	1.7	1.8	1.8	1.8	1.8	1.6	1.6	1.6	1.5
Other Wood Products	3.8	3.4	3.5	3.6	3.8	3.8	4.0	4.0	4.0	4.0	4.0	3.9	3.9
Furniture & Fixtures	2.7	2.5	2.5	2.6	2.7	2.7	2.6	2.7	2.7	2.7	2.7	2.7	2.7
Stone, Clay, Glass, & Concrete Prod	2.7	2.4	2.4	2.4	2.6	2.7	2.8	2.9	3.0	3.1	3.0	2.9	2.7
Primary Metals	9.1	8.7	8.8	8.9	9.1	9.1	9.4	9.2	9.1	9.1	9.1	9.0	9.1
Blast Furnaces & Iron/Steel Found	5.1	4.6	4.7	4.8	4.9	5.0	5.2	5.2	5.3	5.4	5.5	5.4	5.4
Nonferrous Metals	3.9	4.1	4.1	4.1	4.2	4.1	4.2	4.0	3.8	3.7	3.6	3.6	3.7
Fabricated Metals	10.4	9.6	9.9	10.1	10.1	10.2	10.2	10.4	10.8	10.9	10.9	10.9	10.7
Fabricated Structural Metals	4.7	4.2	4.4	4.5	4.4	4.5	4.7	4.8	5.2	5.1	5.1	5.0	4.9
Other Fabricated Metals	5.7	5.4	5.5	5.6	5.7	5.7	5.5	5.6	5.6	5.8	5.8	5.9	5.8
Machinery	15.9	14.7	15.1	15.3	15.6	15.8	16.0	16.3	16.2	16.2	16.3	16.4	16.6
Electrical Equipment & Supplies	13.8	12.5	12.6	12.8	13.5	13.7	14.0	14.3	14.5	14.5	14.5	14.7	14.5
Transportation Equipment	8.5	7.8	8.6	8.3	9.0	8.7	8.1	9.0	9.5	8.7	8.5	7.7	8.1
Instruments & Related Products	14.4	14.3	14.4	14.4	14.3	14.3	14.5	14.4	14.4	14.4	14.3	14.2	14.4
Miscellaneous Manufacturing	2.6	2.4	2.4	2.5	2.6	2.6	2.6	2.7	2.8	2.8	2.7	2.6	2.5
Nondurable Goods	54.5	50.4	51.1	50.9	50.3	51.5	52.2	57.7	62.3	61.6	58.9	54.6	52.1
Food & Kindred Products	24.1	20.7	21.1	20.7	20.2	21.1	21.3	26.7	31.4	31.4	28.6	24.3	21.6
Canning & Preserving	13.7	10.7	11.1	11.0	10.2	10.8	10.9	16.1	20.4	20.6	17.8	13.7	11.0
Other Food Products	10.4	10.0	10.0	9.7	10.0	10.3	10.4	10.6	11.0	10.8	10.8	10.6	10.6
Textile Mill Products	1.7	1.8	1.8	1.7	1.7	1.7	1.6	1.7	1.8	1.8	1.7	1.7	1.7
Apparel	2.8	2.6	2.7	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
Paper & Allied Products	9.0	9.0	9.0	9.0	9.0	9.0	9.3	9.5	9.2	8.7	8.7	8.8	9.0
Printing & Publishing	11.0	10.6	10.8	10.9	10.7	10.9	11.0	11.0	11.1	11.1	11.3	11.3	11.4
Chemicals & Allied Products	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9
Petroleum Refining	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3
Rubber & Plastic Products	2.8	2.6	2.6	2.7	2.8	2.8	2.9	2.9	2.9	2.8	2.9	2.9	2.9
Leather Products	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5
NONMANUFACTURING, TOTAL	805.8	777.3	781.7	791.6	798.3	806.4	815.5	800.4	804.8	819.6	823.9	827.5	822.4
Mining & Quarrying	1.6	1.3	1.3	1.4	1.5	1.7	1.7	1.8	1.9	1.8	1.7	1.7	1.5
Construction	30.2	25.5	25.4	26.2	26.9	28.5	30.4	33.6	35.3	34.8	33.9	31.8	29.9
Trans., Comm. & Utilities	57.1	56.1	56.0	56.5	56.1	56.4	57.0	57.5	57.7	58.4	57.9	57.8	57.5
Transportation	34.3	32.6	32.7	33.1	33.4	33.7	34.0	34.6	35.0	35.7	35.8	35.7	35.4
Railroad	5.4	5.4	5.4	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.1
Trucking & Warehousing	18.3	16.8	17.0	17.2	17.4	17.6	18.1	18.8	19.1	19.3	19.5	19.3	19.4
Other Transportation	10.7	10.4	10.3	10.4	10.6	10.7	10.5	10.4	10.5	11.0	11.0	11.1	10.9
Communications	14.2	15.0	14.9	15.0	14.1	14.1	14.2	14.1	13.9	14.0	13.5	13.5	13.6
Utilities	8.6	8.5	8.4	8.4	8.6	8.6	8.8	8.8	8.8	8.7	8.6	8.6	8.5
Trade	253.0	241.7	240.5	243.7	247.5	250.4	254.4	256.3	258.8	260.7	258.0	260.9	262.7
Wholesale Trade	64.5	61.9	61.9	62.4	63.0	63.3	64.1	65.5	66.4	67.4	67.2	66.0	65.2
Durable Goods	37.9	36.7	36.8	37.1	37.7	37.8	38.1	38.7	38.7	38.4	38.5	38.1	37.8
Nondurable Goods	26.7	25.2	25.1	25.3	25.3	25.5	26.0	26.8	27.7	29.0	28.7	27.9	27.4
Retail Trade	188.4	179.8	178.6	181.3	184.5	187.1	190.3	190.8	192.4	193.3	190.8	194.9	197.5
General Merchandise	25.2	25.7	24.2	24.0	24.0	24.0	24.0	24.6	24.9	25.0	25.4	27.9	29.1
Food Stores	27.9	27.2	26.7	26.8	27.3	27.3	27.9	28.2	28.6	28.7	28.5	28.6	28.8
Auto Dealers & Service Stations	23.9	22.4	22.7	23.0	23.5	24.1	24.6	24.6	24.9	24.6	24.3	24.1	23.8
Other Retail Trade	111.4	104.5	105.0	107.5	109.7	111.7	113.8	113.4	114.0	115.0	112.6	114.3	115.9
Finance, Ins. & Real Estate	65.4	63.8	64.1	64.5	64.8	65.3	66.2	66.6	66.9	66.3	65.6	65.1	65.3
Banking & Credit Agencies	23.4	23.3	23.3	23.5	23.4	23.4	23.6	23.5	23.5	23.4	23.3	23.3	23.4
Other Finance, Ins. & Real Estate	42.0	40.5	40.8	41.0	41.4	41.9	42.6	43.1	43.4	42.9	42.3	41.8	41.9
Services	204.5	195.7	197.8	200.5	203.4	204.4	205.3	206.3	206.6	208.8	208.6	208.4	208.0
Hotels & Personal Services	23.9	22.2	22.4	23.1	23.5	23.9	24.4	25.1	25.3	25.3	24.4	23.4	23.2
Health Services	67.5	65.9	65.2	66.7	67.1	67.1	67.8	67.8	68.1	68.2	68.5	68.4	68.2
Other Services	113.1	107.6	109.2	110.7	112.8	113.4	113.1	113.4	113.2	115.3	115.7	116.6	116.6
Government	194.1	193.2	196.6	198.8	198.1	199.7	200.5	178.3	177.6	188.8	196.2	201.8	197.5
Federal	29.3	27.7	27.7	27.9	28.4	28.9	30.4	30.9	31.2	30.6	29.7	29.3	28.8
State Government	52.3	52.2	53.0	53.3	52.8	53.0	53.5	49.1	48.8	49.6	54.0	55.8	52.7
Education	21.9	22.6	23.3	23.4	22.9	22.9	22.9	18.0	17.7	18.1	23.6	23.9	23.4
Other State	30.4	29.6	29.7	29.9	29.9	30.1	30.6	31.1	31.1	31.5	30.4	31.9	29.2
Local Government	112.5	113.3	115.9	117.6	116.9	117.8	116.6	98.3	97.6	108.6	114.5	116.7	116.0
Education	70.6	72.9	75.2	76.5	75.7	75.6	73.8	54.8	53.8	66.1	73.1	75.3	74.9
Other Local	41.8	40.4	40.7	41.1	41.2	42.2	42.8	43.5	43.8	42.5	41.4	41.4	41.1
LABOR-MANAGEMENT DISPUTES	0.8	0.9	0.9	0.9	0.9	0.6	0.6	0.2	0.7	0.9	0.9	0.9	0.6



APPENDIX



OREGON NONAGRICULTURAL WAGE & SALARY EMPLOYMENT 1985 ^{1/} (in thousands)

	Annual ^{2/} Average	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
TOTAL WAGE & SALARY	1,029.0	998.5	998.3	1,008.2	1,014.3	1,028.6	1,042.4	1,023.8	1,034.7	1,047.2	1,058.5	1,050.6	1,043.0
Wage & Salary Empl Index (1977 = 100) ^{3/}	109.8	109.1	108.9	109.2	109.1	109.6	109.6	109.5	109.9	109.9	111.0	111.0	111.2
Diffusion Index ^{4/}	51.0	50.8	48.5	48.8	50.8	52.7	52.3	48.5	48.5	46.9	56.6	52.3	55.8
MANUFACTURING, TOTAL	199.9	194.1	193.6	192.9	192.3	195.2	201.0	203.2	210.6	208.6	210.1	201.1	196.3
Durable Goods	145.3	143.1	142.9	142.1	142.6	144.1	146.5	146.0	148.2	147.7	149.1	146.9	144.7
Lumber & Wood Products	63.5	62.2	61.9	60.9	60.9	62.7	65.1	65.9	66.2	65.8	64.9	63.6	62.1
Logging & Sawmills	33.2	31.9	31.7	30.8	31.2	32.8	34.8	35.3	35.2	35.1	34.5	33.3	32.0
Veneer & Plywood	16.3	16.9	16.7	16.5	15.9	15.9	16.1	16.3	16.3	16.3	16.3	16.3	16.2
Millwork & Structural Wood	8.8	8.4	8.3	8.3	8.6	8.7	8.9	8.9	9.3	9.1	9.0	8.8	8.8
Mobile Homes	1.5	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5
Other Wood Products	3.8	3.7	3.8	3.8	3.7	3.8	3.8	3.9	3.9	3.8	3.6	3.6	3.6
Furniture & Fixtures	2.7	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.7	2.8	2.9	2.9	2.8
Stone, Clay, Glass, & Concrete Prod	3.0	2.7	2.6	2.9	3.0	3.0	3.1	3.3	3.3	3.2	3.1	2.8	2.7
Primary Metals	8.8	8.7	8.8	8.9	8.8	8.9	8.9	8.7	8.7	8.8	8.8	8.9	8.8
Blast Furnaces & Iron/Steel Found	5.5	5.4	5.5	5.5	5.5	5.5	5.5	5.4	5.5	5.6	5.6	5.7	5.7
Nonferrous Metals	3.3	3.3	3.3	3.4	3.3	3.4	3.4	3.3	3.2	3.2	3.2	3.2	3.1
Fabricated Metals	11.1	10.3	10.3	10.4	10.6	10.7	10.8	10.9	11.4	11.8	11.9	12.1	12.0
Fabricated Structural Metals	5.4	4.6	4.8	4.8	5.0	5.1	5.2	5.2	5.6	5.9	6.0	6.2	6.3
Other Fabricated Metals	5.7	5.7	5.5	5.6	5.6	5.6	5.6	5.7	5.8	5.9	5.9	5.9	5.7
Machinery	15.7	16.0	15.9	15.9	15.6	15.6	15.7	15.7	15.6	15.6	15.5	15.4	15.4
Electrical Equipment & Supplies	14.1	14.5	14.4	14.4	14.1	14.2	14.2	14.2	14.1	13.9	13.8	13.6	13.6
Transportation Equipment	9.4	9.2	9.1	8.8	9.7	9.3	8.7	7.3	9.1	8.8	11.3	10.9	10.5
Instruments & Related Products	14.5	14.6	14.7	14.8	14.7	14.6	14.7	14.6	14.6	14.5	14.3	14.2	14.2
Miscellaneous Manufacturing	2.5	2.3	2.4	2.5	2.5	2.4	2.5	2.6	2.5	2.5	2.6	2.5	2.6
Nondurable Goods	54.6	51.1	50.7	50.8	49.7	51.1	54.5	57.2	62.4	60.9	61.0	54.2	51.6
Food & Kindred Products	24.1	20.4	20.4	20.5	19.9	20.6	23.5	26.4	31.4	30.0	30.3	24.0	21.2
Canning & Preserving	13.5	10.2	10.2	10.3	9.6	10.1	12.9	15.5	20.6	19.4	19.5	13.3	10.7
Other Food Products	10.5	10.2	10.2	10.2	10.3	10.5	10.6	10.9	10.8	10.6	10.8	10.7	10.5
Textile Mill Products	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.7
Apparel	2.4	2.7	2.6	2.6	2.4	2.4	2.4	2.3	2.4	2.4	2.4	2.2	2.3
Paper & Allied Products	9.2	8.9	8.7	8.8	8.7	9.3	9.5	9.5	9.5	9.5	9.2	9.1	9.1
Printing & Publishing	11.5	11.4	11.4	11.3	11.3	11.4	11.5	11.4	11.6	11.5	11.6	11.6	11.6
Chemicals & Allied Products	1.9	2.0	2.1	2.1	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Petroleum Refining	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
Rubber & Plastic Products	3.1	3.0	3.0	3.0	2.9	3.0	3.3	3.2	3.1	3.1	3.1	3.0	3.0
Leather Products	0.5	0.5	0.4	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5
NONMANUFACTURING, TOTAL	829.1	804.4	804.7	815.4	822.0	833.4	841.4	820.6	824.1	838.6	848.4	849.5	846.7
Mining & Quarrying	1.6	1.4	1.4	1.4	1.5	1.6	1.7	1.8	1.9	1.9	1.8	1.7	1.5
Construction	32.1	28.2	27.5	28.7	30.4	32.2	34.2	35.4	36.0	35.2	35.2	31.7	31.0
Trans. Comm. & Utilities	58.0	56.5	56.3	56.7	57.0	57.4	58.2	58.5	58.7	59.3	59.6	58.8	59.4
Transportation	36.1	34.4	34.5	35.0	35.2	35.5	36.1	36.3	36.5	37.2	37.7	37.0	37.6
Railroad	5.1	5.1	5.1	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0	4.8	4.7
Trucking & Warehousing	20.0	18.6	18.7	19.0	18.9	19.2	19.9	20.3	20.6	20.8	21.3	21.0	21.7
Other Transportation	11.0	10.7	10.7	10.8	11.1	11.1	11.1	10.9	10.8	11.4	11.4	11.2	11.2
Communications	13.3	13.5	13.3	13.2	13.2	13.3	13.3	13.4	13.4	13.4	13.3	13.2	13.2
Utilities	8.6	8.6	8.5	8.5	8.6	8.6	8.8	8.8	8.8	8.7	8.6	8.6	8.6
Trade	258.8	251.3	247.0	251.0	252.4	257.1	260.4	260.7	263.4	264.9	263.2	266.5	267.4
Wholesale Trade	66.4	65.0	64.7	65.0	64.6	65.3	65.9	66.7	67.3	68.2	68.1	68.3	67.7
Durable Goods	39.0	38.2	38.1	38.1	38.5	39.0	39.3	39.6	39.5	39.6	39.4	39.6	39.6
Nondurable Goods	27.4	26.8	26.6	26.9	26.1	26.3	26.6	27.1	27.8	28.6	28.7	28.7	28.1
Retail Trade	192.4	186.3	182.3	186.0	187.8	191.8	194.5	194.0	196.1	196.7	195.1	198.2	199.7
General Merchandise	25.3	25.9	24.2	24.2	23.9	24.2	24.3	24.5	24.8	25.0	25.6	27.8	29.0
Food Stores	29.1	28.1	27.4	28.8	28.4	29.0	29.7	29.9	29.9	29.7	29.4	29.4	29.5
Auto Dealers & Service Stations	24.4	23.5	23.3	23.8	24.2	24.6	24.9	25.2	25.3	25.0	24.6	24.3	23.9
Other Retail Trade	113.6	108.8	107.4	109.2	111.3	114.0	115.6	114.4	116.1	117.0	115.5	116.7	117.3
Finance, Ins. & Real Estate	66.9	64.5	64.5	65.0	66.1	66.8	67.8	68.4	68.6	67.8	67.6	67.5	67.6
Banking & Credit Agencies	23.6	23.4	23.3	23.3	23.3	23.4	23.5	23.7	23.8	23.9	23.8	23.9	23.9
Other Finance, Ins. & Real Estate	43.3	41.1	41.2	41.7	42.8	43.4	44.3	44.7	44.8	43.9	43.8	43.6	43.7
Services	214.5	206.1	207.8	211.3	212.9	214.7	214.9	215.9	216.3	219.0	218.7	218.8	218.0
Hotels & Personal Services	24.4	23.5	23.7	24.6	24.3	24.7	25.2	25.4	25.4	24.9	24.1	23.5	23.1
Health Services	69.3	67.5	67.4	68.1	68.3	68.9	69.3	69.9	70.4	70.3	70.2	70.4	70.8
Other Services	120.9	115.1	116.7	118.6	120.3	121.1	120.4	120.6	120.5	123.8	124.4	124.9	124.1
Government	197.1	196.4	200.2	201.3	201.7	203.6	204.2	179.9	179.2	190.5	202.3	204.5	201.8
Federal	28.9	28.1	28.0	28.0	28.7	28.9	29.8	30.2	29.9	29.4	28.9	28.6	28.5
State Government	53.7	52.8	54.3	54.9	54.7	55.0	55.8	51.3	50.5	50.5	55.1	55.3	54.5
Education	22.4	22.4	23.7	23.8	23.6	23.6	23.8	19.0	18.2	18.2	23.7	24.3	24.1
Other State	31.4	30.4	30.6	31.1	31.1	31.4	32.0	32.3	32.3	32.3	31.4	31.0	30.4
Local Government	114.5	115.5	117.9	118.4	118.3	119.7	118.6	98.4	98.8	110.6	118.3	120.6	118.8
Education	72.3	74.8	77.0	77.3	77.0	77.9	75.8	55.0	55.2	67.5	75.5	78.0	76.4
Other Local	42.2	40.7	40.9	41.1	41.3	41.8	42.8	43.4	43.6	43.1	42.8	42.6	42.4
LABOR-MANAGEMENT DISPUTES	0.3	0.6	0.6	0.6	0.8	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.0

OREGON RESIDENT LABOR FORCE, UNEMPLOYMENT & EMPLOYMENT 1983 ^{5/}

	Annual Average ^{2/}	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
CIVILIAN LABOR FORCE	1,341.0	1,314.7	1,316.9	1,322.3	1,330.3	1,342.8	1,378.3	1,353.9	1,353.8	1,350.7	1,346.4	1,343.3	1,338.5
UNEMPLOYMENT	145.0	182.3	177.1	168.5	157.0	150.8	136.1	135.9	126.1	116.9	119.7	129.3	140.2
Percent of Labor Force	10.8	13.9	13.4	12.7	11.8	11.2	9.9	10.0	9.3	8.7	8.9	9.6	10.5
Seasonally Adjusted Percent	10.8	12.5	12.3	11.9	11.4	11.3	10.2	10.5	10.1	9.7	9.7	9.7	10.1
TOTAL EMPLOYMENT	1,196.0	1,132.4	1,139.8	1,153.8	1,173.3	1,192.0	1,242.2	1,218.0	1,227.7	1,233.8	1,226.7	1,214.0	1,198.3

OREGON RESIDENT LABOR FORCE, UNEMPLOYMENT & EMPLOYMENT 1984 ^{5/}

	Annual Average ^{2/}	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
CIVILIAN LABOR FORCE	1,335.0	1,324.7	1,319.0	1,322.2	1,334.9	1,340.1	1,363.2	1,342.5	1,334.5	1,333.2	1,340.3	1,333.5	1,331.7
UNEMPLOYMENT	125.0	149.9	137.2	132.9	132.8	126.8	124.4	119.7	111.5	102.9	110.9	122.9	128.1
Percent of Labor Force	9.4	11.3	10.4	10.1	9.9	9.5	9.1	8.9	8.4	7.7	8.3	9.2	9.6
Seasonally Adjusted Percent	9.4	10.0	9.3	9.3	9.6	9.5	9.5	9.4	9.1	8.8	9.0	9.3	9.2
TOTAL EMPLOYMENT	1,210.0	1,174.8	1,181.8	1,189.3	1,202.1	1,213.3	1,238.8	1,222.9	1,223.0	1,230.3	1,229.4	1,210.6	1,203.6

OREGON RESIDENT LABOR FORCE, UNEMPLOYMENT & EMPLOYMENT 1985 ^{5/}

	Annual Average ^{2/}	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
CIVILIAN LABOR FORCE	1,327.0	1,306.9	1,303.6	1,311.6	1,316.4	1,320.7	1,348.9	1,332.4	1,331.5	1,333.2	1,343.0	1,341.6	1,334.3
UNEMPLOYMENT	117.0	134.6	134.8	130.3	126.1	114.1	113.0	114.2	103.7	100.0	99.4	114.8	119.1
Percent of Labor Force	8.8	10.3	10.3	9.9	9.6	8.6	8.4	8.6	7.8	7.5	7.4	8.6	8.9
Seasonally Adjusted Percent	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL EMPLOYMENT	1,210.0	1,172.3	1,168.8	1,181.3	1,190.3	1,206.6	1,235.9	1,218.2	1,227.8	1,233.2	1,243.6	1,226.8	1,215.2

^{1/} This nonagricultural wage and salary employment series is based on the 1972 Standard Industrial Classification (SIC) manual as amended by the 1977 supplement. The data are by place of work and persons working multiple jobs are counted more than once. Workers involved in labor-management disputes are excluded from the wage and salary employment totals.

^{2/} Sum of monthly estimates divided by 12. Unemployment rate derived by dividing unemployment by civilian labor force.

^{3/} Total nonagricultural wage and salary employment, seasonally adjusted and indexed to 1977. Data on the earlier index (1972 = 100) can be converted to the 1977 base period by multiplying by a factor of .8264, the ratio between 1972's annual average employment (774.3) and that of 1977 (936.9).

^{4/} The diffusion index is the percentage of a selected group of 43 industries showing an increase in seasonally adjusted employment. Half of those industries showing no significant change (less than 1/2 of 1%) are counted as increasing.

^{5/} Includes employed and unemployed individuals 16 years and older by place of residence. Data are adjusted for multiple job-holding and commuting. Includes nonagriculture wage and salary, self-employed, unpaid family workers, domestics, agriculture, and labor disputants.

AVERAGE WEEKLY EARNINGS OF OREGON WORKERS IN SELECTED INDUSTRIES 1983

	Annual Average	Jan	Feb.	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
MANUFACTURING, TOTAL ^{1/}	\$398.73	392.43	399.12	399.12	399.50	401.70	403.37	400.40	394.39	395.69	398.77	401.06	401.58
Durable Goods	414.61	405.58	407.29	412.91	414.32	415.91	421.60	418.94	413.42	419.75	425.14	415.26	409.11
Lumber & Wood Products	431.43	420.03	426.38	429.32	432.42	439.43	438.46	426.80	425.32	433.87	445.65	424.93	430.94
Logging & Sawmills	462.44	456.11	459.55	458.05	464.94	473.34	465.66	461.78	450.46	465.24	477.92	452.37	458.28
Veneer & Plywood	431.20	412.16	424.66	430.52	431.58	435.49	443.06	423.77	427.88	426.66	451.00	429.63	436.30
Millwork & Structural Wood	328.55	306.45	313.50	318.01	317.77	317.38	332.90	304.41	335.60	348.53	348.94	338.40	349.16
Mobile Homes	294.44	274.86	274.86	322.81	333.33	348.57	321.77	282.66	297.17	307.13	268.60	276.61	243.02
Other Wood Products	420.29	400.40	405.47	403.51	412.27	425.49	424.11	430.67	420.40	426.13	429.47	421.40	437.40
Furniture & Fixtures	264.25	228.72	247.68	249.55	253.23	279.82	296.59	292.37	281.86	248.07	255.75	264.19	266.00
Primary Metals	505.93	484.29	491.10	499.89	486.46	495.46	512.12	515.02	512.78	516.60	523.38	517.10	514.37
Fabricated Metals	387.87	385.06	370.63	380.00	392.83	396.50	387.65	399.78	399.65	388.55	386.00	382.14	388.73
Machinery	400.28	403.26	403.10	400.93	401.66	391.40	399.11	401.41	403.39	401.25	399.91	402.58	398.82
Nondurable Goods	354.61	356.85	351.91	361.82	356.93	360.14	355.05	352.35	346.75	338.35	337.64	360.88	380.36
Food & Kindred Products	290.85	296.01	295.68	289.78	294.46	303.58	290.24	286.88	289.25	274.00	278.42	293.41	313.35
Canning & Preserving	229.84	223.25	222.65	219.51	222.22	231.57	231.88	224.02	244.11	229.80	231.34	221.54	247.02
Other Food Products	401.28	395.76	396.43	396.14	395.75	408.72	402.48	407.40	408.39	403.20	392.64	407.04	401.10
Textile Mill Products	214.26	206.84	225.20	218.96	215.57	211.45	219.41	198.11	218.95	216.00	205.21	216.08	214.08
Apparel	200.91	196.54	200.39	192.74	192.95	193.31	203.31	185.24	204.28	204.28	208.66	212.60	211.20
Paper & Allied Products	546.53	534.20	515.44	542.15	542.84	547.55	565.32	541.31	544.85	549.18	524.50	549.70	594.56
Printing & Publishing	385.86	372.73	372.03	413.35	376.53	374.00	368.76	378.42	386.31	396.77	398.11	408.54	384.30
NONMANUFACTURING													
Construction ^{2/}	507.96	525.27	532.33	506.69	497.06	494.40	490.96	502.83	537.26	528.17	526.26	471.16	477.86
Communications & Utilities ^{3/}	462.54	447.72	441.90	446.20	444.29	449.30	469.66	460.88	466.44	467.68	478.92	497.24	490.92
Wholesale & Retail Trade ^{3/}	280.64	272.36	273.70	279.96	290.19	281.47	283.85	288.08	284.97	285.23	283.71	277.20	281.05
Wholesale Trade	376.75	365.77	366.52	379.39	389.72	381.38	380.14	384.16	382.02	384.00	391.02	369.20	374.37
Retail Trade	233.93	224.91	226.49	231.68	241.60	232.88	237.71	241.19	236.88	235.95	232.81	232.73	239.98
Banking & Insurance	263.18	254.85	258.08	264.97	281.33	271.75	264.61	270.91	263.32	264.32	262.99	257.61	259.76
State & Local Government ^{4/}	316.02	307.39	306.15	301.19	303.68	304.25	303.69	337.14	338.11	336.86	322.16	320.84	319.38

AVERAGE WEEKLY HOURS OF OREGON WORKERS IN SELECTED INDUSTRIES 1983

	Annual Average	Jan	Feb.	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
MANUFACTURING, TOTAL ^{1/}	38.9	38.1	38.3	38.6	38.9	39.0	39.2	38.5	39.4	39.1	39.6	38.9	38.8
Durable Goods	39.6	38.7	39.2	39.4	39.8	39.8	40.0	39.3	39.6	39.9	40.8	39.7	39.3
Lumber & Wood Products	39.8	39.0	39.7	39.9	40.3	40.5	40.3	38.8	39.2	39.3	41.0	39.2	40.2
Logging & Sawmills	39.9	39.8	40.1	39.9	40.5	40.7	39.8	39.3	38.9	38.9	41.2	39.2	40.2
Veneer & Plywood	40.0	38.7	40.1	40.5	40.6	40.7	41.1	38.7	39.4	39.0	41.3	39.2	40.7
Millwork & Structural	39.3	37.1	38.0	38.5	38.8	38.8	40.4	36.5	40.0	41.1	41.1	40.0	40.6
Mobile Homes	37.7	34.9	34.4	40.1	40.7	41.3	41.2	36.1	37.1	41.9	36.2	35.6	33.2
Other Wood Products	39.8	38.5	39.1	39.1	40.3	40.6	40.2	40.1	40.0	39.9	40.1	39.2	40.5
Furniture & Fixtures	35.0	33.1	34.4	35.0	34.5	35.6	37.9	36.5	36.7	32.9	33.0	34.9	35.0
Primary Metals	40.9	37.6	39.1	39.8	38.7	39.7	41.3	41.5	40.6	42.8	42.9	43.2	42.9
Fabricated Metals	39.7	38.2	37.1	38.5	39.8	40.5	39.8	40.3	41.5	40.9	40.0	39.6	40.2
Machinery	38.6	37.9	38.1	37.4	38.0	38.0	38.9	39.2	38.9	39.3	39.4	39.2	39.1
Nondurable Goods	36.9	36.6	35.8	36.4	36.2	36.6	37.1	36.4	38.7	37.1	36.9	36.6	37.4
Food & Kindred Products	35.6	34.5	33.6	33.5	34.4	35.3	35.7	34.9	39.3	36.1	36.3	34.6	36.1
Canning & Preserving	34.0	31.4	30.5	30.7	31.7	32.8	34.1	32.8	39.5	35.3	35.7	32.2	34.5
Other Food Products	38.4	38.8	37.9	37.8	38.2	39.0	38.7	38.8	38.6	38.4	37.9	38.4	38.2
Textile Mill Products	36.5	35.6	38.3	36.8	36.6	35.9	37.0	37.1	37.3	36.0	34.9	37.0	35.8
Apparel	37.0	35.8	36.5	35.3	36.2	36.2	37.1	35.9	37.9	37.9	37.8	38.1	38.4
Paper & Allied Products	41.0	41.8	40.3	41.8	41.0	41.2	42.0	40.7	40.6	40.5	39.2	40.9	41.9
Printing & Publishing	34.7	34.9	34.1	36.1	33.8	34.0	33.8	34.0	34.4	35.3	35.2	35.9	35.0
NONMANUFACTURING													
Construction ^{2/}	33.2	31.7	31.8	31.2	31.7	32.0	32.6	33.3	36.4	35.4	35.8	31.9	31.9
Communications & Utilities ^{3/}	39.0	39.0	38.9	38.8	38.6	38.6	39.6	38.6	39.0	39.4	39.0	40.1	38.9
Wholesale & Retail Trade ^{3/}	34.1	33.5	33.5	33.7	34.1	34.2	34.7	34.5	34.5	34.2	34.1	33.6	34.4
Wholesale Trade	37.6	37.4	37.4	37.1	38.4	38.1	37.9	37.7	37.6	37.5	38.0	36.7	37.4
Retail Trade	32.4	31.5	31.5	32.1	32.0	32.3	33.2	32.9	32.9	32.5	32.2	32.1	33.1

AVERAGE HOURLY EARNINGS OF OREGON WORKERS IN SELECTED INDUSTRIES 1983

	Annual Average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MANUFACTURING, TOTAL ^{1/}	\$10.25	10.30	10.25	10.34	10.27	10.30	10.29	10.40	10.01	10.12	10.07	10.31	10.35
Durable Goods ^{1/}	10.47	10.48	10.39	10.48	10.41	10.45	10.54	10.66	10.44	10.52	10.42	10.46	10.41
Lumber & Wood Products	10.84	10.77	10.74	10.76	10.73	10.85	10.88	11.00	10.85	11.04	10.87	10.84	10.72
Logging & Sawmills	11.59	11.46	11.46	11.48	11.48	11.63	11.70	11.75	11.58	11.96	11.60	11.54	11.40
Veneer & Plywood	10.78	10.65	10.59	10.63	10.63	10.70	10.78	10.95	10.86	10.94	10.92	10.96	10.72
Millwork & Structural Wood	8.36	8.26	8.25	8.26	8.19	8.18	8.24	8.34	8.39	8.48	8.49	8.46	8.60
Mobile Homes	7.81	7.77	7.99	8.05	8.19	8.44	7.81	7.83	8.01	7.33	7.42	7.77	7.32
Other Wood Products	10.56	10.40	10.37	10.32	10.23	10.48	10.55	10.74	10.51	10.68	10.71	10.75	10.80
Furniture & Fixtures	7.55	6.91	7.20	7.13	7.34	7.86	7.72	8.01	7.68	7.54	7.75	7.57	7.60
Primary Metals	12.37	12.88	12.56	12.56	12.57	12.48	12.40	12.41	12.63	12.07	12.20	11.97	11.99
Fabricated Metals	9.77	10.08	9.99	9.87	9.87	9.79	9.74	9.92	9.63	9.50	9.65	9.65	9.67
Machinery	10.37	10.64	10.58	10.72	10.57	10.30	10.26	10.24	10.37	10.21	10.15	10.27	10.20
Nondurable Goods	9.61	9.75	9.83	9.94	9.86	9.84	9.57	9.68	8.96	9.12	9.15	9.86	10.17
Food & Kindred Products	8.17	8.58	8.80	8.65	8.56	8.60	8.13	8.22	7.36	7.59	7.67	8.48	8.68
Canning & Preserving	6.76	7.11	7.30	7.15	7.01	7.06	6.80	6.83	6.18	6.51	6.48	6.88	7.16
Other Food Products	10.45	10.20	10.46	10.48	10.36	10.48	10.40	10.50	10.58	10.50	10.36	10.60	10.50
Textile Mill Products	5.87	5.81	5.88	5.95	5.89	5.89	5.93	5.34	5.87	6.00	5.88	5.84	5.98
Apparel	5.43	5.49	5.49	5.46	5.33	5.34	5.48	5.16	5.39	5.39	5.52	5.58	5.50
Paper & Allied Products	13.33	12.78	12.79	12.97	13.24	13.29	13.46	13.30	13.42	13.56	13.38	13.44	14.19
Printing & Publishing	11.12	10.68	10.91	11.45	11.14	11.00	10.91	11.13	11.23	11.24	11.31	11.38	10.98
NONMANUFACTURING													
Construction ^{2/}	15.30	16.57	16.74	16.24	15.68	15.45	15.06	15.10	14.76	14.52	14.70	14.77	14.98
Communications & Utilities ^{3/}	11.86	11.48	11.36	11.50	11.51	11.64	11.86	11.94	11.96	11.87	12.28	12.40	12.62
Wholesale & Retail Trade ^{3/}	8.23	8.13	8.17	8.10	8.21	8.23	8.18	8.35	8.26	8.34	8.32	8.25	8.17
Wholesale Trade	10.02	9.78	9.80	9.74	9.88	10.01	10.03	10.19	10.16	10.24	10.29	10.06	10.01
Retail Trade	7.22	7.14	7.19	7.14	7.24	7.21	7.16	7.34	7.20	7.26	7.23	7.25	7.25

AVERAGE WEEKLY EARNINGS OF OREGON WORKERS IN SELECTED INDUSTRIES 1984

	Annual Average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MANUFACTURING, TOTAL ^{1/}	\$409.25	411.08	406.12	408.97	412.38	411.47	411.67	409.06	404.88	414.86	397.70	399.36	417.64
Durable Goods	422.28	422.14	415.15	417.35	424.20	422.80	425.58	421.30	425.42	438.04	417.64	412.38	427.99
Lumber & Wood Products	438.77	437.80	421.68	430.75	439.43	435.71	446.29	431.64	435.63	454.58	440.49	429.90	454.10
Logging & Sawmills	468.47	468.06	451.21	454.28	464.94	467.83	474.38	470.01	468.00	492.47	468.83	449.92	484.80
Veneer & Plywood	446.42	443.30	431.24	444.85	456.09	444.72	450.64	420.24	438.99	456.85	450.77	453.58	467.46
Millwork & Structural	334.57	343.54	318.57	335.62	320.12	312.80	347.21	318.99	340.95	343.48	342.22	342.22	352.48
Mobile Homes	273.57	244.61	253.56	277.29	309.00	295.14	289.22	286.31	267.15	257.54	267.52	283.03	236.12
Other Wood Products	438.80	447.58	430.95	444.58	464.95	447.70	455.67	452.00	408.06	447.12	430.42	416.64	425.81
Furniture & Fixtures	280.28	261.46	265.44	264.88	248.06	262.15	296.38	276.72	299.75	290.88	305.69	305.63	289.94
Primary Metals	496.40	513.97	489.14	494.89	499.16	498.10	507.21	501.25	504.48	478.61	478.58	503.01	496.80
Fabricated Metals	388.86	388.68	380.16	380.62	382.78	376.35	383.90	397.60	406.61	402.99	392.04	385.92	387.89
Machinery	413.48	408.24	411.46	411.03	414.32	414.12	415.74	415.31	405.99	426.36	406.36	405.27	426.40
Nondurable Goods	368.65	379.38	378.79	383.93	375.07	376.46	372.44	372.05	351.56	357.28	346.70	360.72	387.98
Food & Kindred Products	301.20	312.99	319.87	308.95	312.93	314.18	304.72	304.67	277.61	293.00	282.00	288.62	325.44
Canning & Preserving	247.39	253.08	265.14	251.08	254.21	261.63	241.80	248.16	230.16	256.19	236.86	228.70	266.34
Other Food Products	395.86	399.25	395.20	392.27	402.43	389.04	399.38	396.13	398.32	392.77	395.40	393.21	402.05
Textile Mill Products	220.29	213.24	225.51	225.62	223.94	227.93	222.09	198.21	218.02	219.83	214.68	228.98	228.93
Apparel	205.52	212.14	207.10	210.60	208.82	211.86	210.19	156.22	204.50	207.75	205.53	200.93	225.76
Paper & Allied Products	573.80	559.08	559.06	570.21	578.45	564.71	562.88	574.58	570.63	583.11	582.83	589.47	603.48
Printing & Publishing	409.76	416.42	402.40	443.87	370.36	399.08	396.29	408.67	433.18	433.16	396.48	408.24	408.96
NONMANUFACTURING													
Construction ^{2/}	501.29	495.00	477.10	483.31	482.48	476.42	507.04	535.39	553.06	540.54	484.61	463.46	479.41
Communications & Utilities ^{3/}	492.77	511.20	480.59	476.08	475.85	482.40	485.20	492.08	498.48	512.93	498.80	507.32	492.43
Wholesale & Retail Trade ^{3/}	287.81	284.78	280.05	283.08	290.19	287.64	293.42	298.93	292.56	291.89	283.41	280.54	290.02
Wholesale Trade	387.93	390.37	372.74	379.01	389.72	382.60	391.72	408.96	392.27	391.23	384.05	377.48	392.36
Retail Trade	239.79	234.88	235.19	236.25	241.60	241.28	245.27	245.60	244.78	243.85	235.62	235.36	242.45
Banking & Insurance	272.94	278.24	267.09	269.37	281.33	264.59	266.33	273.47	267.11	277.03	273.35	274.83	282.54
State & Local Government ^{4/}	326.35	320.11	317.80	316.16	316.15	315.39	317.44	346.50	352.79	341.71	325.75	324.80	329.01

AVERAGE WEEKLY HOURS OF OREGON WORKERS IN SELECTED INDUSTRIES 1984

	Annual Average	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
MANUFACTURING, TOTAL ^{1/}	39.2	39.3	38.9	39.4	39.5	39.3	38.8	38.7	38.9	40.2	38.8	38.4	39.7
Durable Goods	39.8	39.9	39.5	39.9	40.4	40.0	39.7	39.3	39.5	40.9	39.4	39.2	40.3
Lumber & Wood Products	39.6	39.8	38.9	39.7	40.5	39.9	39.6	38.3	39.0	40.3	39.4	38.8	40.4
Logging & Sawmills	39.6	39.7	39.1	39.4	40.5	40.4	39.4	39.2	39.0	40.7	39.2	38.0	40.4
Veneer & Plywood	40.4	40.3	39.6	40.7	41.5	40.8	40.2	38.1	39.8	40.9	40.5	40.9	41.7
Millwork & Structural	38.5	39.9	37.7	39.3	38.2	36.8	39.1	34.9	39.1	39.3	39.2	38.8	40.1
Mobile Homes	33.9	33.1	32.3	35.1	37.5	34.6	35.1	35.7	32.9	32.6	32.0	34.1	29.7
Other Wood Products	40.0	40.8	39.5	40.9	42.5	40.7	41.2	40.0	37.3	40.5	39.2	38.4	39.5
Furniture & Fixtures	35.3	34.0	33.9	34.4	31.4	33.1	36.5	33.3	37.8	36.0	37.6	37.5	37.9
Primary Metals	42.5	43.3	41.7	42.7	42.7	42.5	43.5	43.1	41.9	41.8	41.4	42.7	43.2
Fabricated Metals	39.2	39.5	38.4	38.1	39.9	39.0	38.7	39.8	40.1	39.9	39.6	39.1	39.5
Machinery	40.3	40.5	40.3	40.1	40.9	40.8	40.6	40.4	39.0	40.8	39.8	39.5	41.0
Nondurable Goods	37.2	37.6	37.1	37.9	36.7	37.2	36.3	36.8	37.4	38.5	37.2	36.0	38.0
Food & Kindred Products	35.9	36.1	35.9	35.8	35.2	35.5	34.2	36.4	36.1	38.3	36.2	33.6	36.2
Canning & Preserving	34.6	34.2	34.3	34.3	33.1	34.2	31.2	35.3	35.3	38.7	35.3	31.2	34.5
Other Food Products	38.1	38.8	38.0	37.9	38.4	37.3	38.7	38.2	38.3	37.3	38.5	37.7	38.4
Textile Mill Products	36.9	35.6	37.9	38.7	37.2	37.8	37.9	32.6	35.8	36.7	35.9	38.1	39.0
Apparel	37.3	38.5	38.0	38.5	36.7	37.9	37.4	29.7	37.8	37.5	37.1	36.4	41.5
Paper & Allied Products	41.4	41.2	40.6	41.2	41.2	41.1	40.7	41.1	42.3	41.8	41.9	41.6	42.8
Printing & Publishing	35.6	36.4	34.9	38.1	33.7	35.6	34.4	34.4	35.8	36.4	35.4	36.0	36.0
NONMANUFACTURING													
Construction ^{2/}	34.5	33.0	32.5	32.7	32.6	33.2	34.8	37.0	37.7	37.8	33.7	32.8	33.2
Communications & Utilities ^{3/}	39.9	40.0	39.2	38.8	39.1	40.1	40.4	40.5	40.2	41.1	40.0	40.2	39.3
Wholesale & Retail Trade ^{3/}	33.9	33.9	33.3	33.5	34.1	34.0	34.0	34.8	34.5	34.3	33.5	33.2	34.2
Wholesale Trade	37.7	37.9	37.2	37.6	37.8	37.4	37.2	38.4	37.9	37.8	37.8	37.3	37.8
Retail Trade	32.1	32.0	31.4	31.5	32.3	32.3	32.4	33.1	32.9	32.6	31.5	31.3	32.5

AVERAGE HOURLY EARNINGS OF OREGON WORKERS IN SELECTED INDUSTRIES 1984

	Annual Average	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
MANUFACTURING, TOTAL ^{1/}	\$10.44	10.46	10.43	10.38	10.44	10.47	10.61	10.57	10.40	10.32	10.25	10.40	10.52
Durable Goods	10.61	10.58	10.51	10.46	10.50	10.57	10.72	10.72	10.77	10.71	10.60	10.52	10.62
Lumber & Wood Products	11.08	11.00	10.84	10.85	10.85	10.92	11.27	11.27	11.17	11.28	11.18	11.08	11.24
Logging & Sawmills	11.83	11.79	11.54	11.53	11.48	11.58	12.04	11.99	12.00	12.10	11.96	11.84	12.00
Veneer & Plywood	11.05	11.00	10.89	10.93	10.99	10.90	11.21	11.03	11.03	11.17	11.13	11.09	11.21
Millwork & Structural Wood	8.69	8.61	8.45	8.54	8.38	8.50	8.88	9.14	8.72	8.74	8.73	8.82	8.79
Mobile Homes	8.07	7.39	7.85	7.90	8.24	8.53	8.24	8.02	8.12	7.90	8.36	8.30	7.95
Other Wood Products	10.97	10.97	10.91	10.87	10.94	11.00	11.06	11.30	10.94	11.04	10.98	10.85	10.78
Furniture & Fixtures	7.94	7.69	7.83	7.70	7.90	7.92	8.12	8.31	7.93	8.08	8.13	8.15	7.65
Primary Metals	11.68	11.87	11.73	11.59	11.69	11.72	11.66	11.63	12.04	11.45	11.56	11.78	11.50
Fabricated Metals	9.92	9.84	9.90	9.99	9.84	9.65	9.92	9.99	10.14	10.10	9.90	9.87	9.82
Machinery	10.26	10.08	10.21	10.25	10.13	10.15	10.24	10.28	10.41	10.45	10.21	10.26	10.40
Nondurable Goods	9.91	10.09	10.21	10.13	10.22	10.12	10.26	10.11	9.40	9.28	9.32	10.02	10.21
Food & Kindred Products	8.39	8.67	8.91	8.63	8.89	8.85	8.91	8.37	7.69	7.65	7.79	8.59	8.99
Canning & Preserving	7.15	7.40	7.73	7.32	7.68	7.65	7.75	7.03	6.52	6.62	6.71	7.33	7.72
Other Food Products	10.39	10.29	10.40	10.35	10.48	10.43	10.32	10.37	10.40	10.53	10.27	10.43	10.47
Textile Mill Products	5.97	5.99	5.95	5.83	6.02	6.03	5.86	6.08	6.09	5.99	5.98	6.01	5.87
Apparel	5.51	5.51	5.45	5.47	5.69	5.59	5.62	5.26	5.41	5.54	5.54	5.52	5.44
Paper & Allied Products	13.86	13.57	13.77	12.84	14.04	13.74	13.83	13.98	13.49	13.95	13.91	14.17	14.10
Printing & Publishing	11.51	11.44	11.23	11.65	10.99	11.21	11.52	11.88	12.10	11.90	11.20	11.34	11.36
NONMANUFACTURING													
Construction ^{2/}	14.53	15.00	14.68	14.78	14.80	14.35	14.57	14.47	14.67	14.30	14.38	14.13	14.44
Communications & Utilities ^{3/}	12.35	12.78	12.26	12.27	12.17	12.03	12.01	12.15	12.40	12.48	12.47	12.62	12.53
Wholesale & Retail Trade ^{3/}	8.49	8.40	8.41	8.45	8.51	8.46	8.63	8.59	8.48	8.51	8.46	8.45	8.48
Wholesale Trade	10.29	10.30	10.02	10.08	10.31	10.23	10.53	10.65	10.35	10.35	10.16	10.12	10.38
Retail Trade	7.47	7.34	7.49	7.50	7.48	7.47	7.57	7.42	7.44	7.48	7.48	7.52	7.46

AVERAGE WEEKLY EARNINGS OF OREGON WORKERS IN SELECTED INDUSTRIES 1985

	Annual Average	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
MANUFACTURING, TOTAL ^{1/}	\$405.96	413.79	403.30	409.34	402.15	407.40	418.15	389.92	395.65	407.68	407.40	403.87	416.42
Durable Goods	419.33	425.58	410.22	417.09	410.78	417.64	435.64	399.38	415.52	428.25	428.80	418.94	423.44
Lumber & Wood Products	440.03	446.08	431.46	436.30	432.38	440.50	458.37	411.44	428.29	456.44	453.10	435.90	447.52
Logging & Sawmills	468.83	483.98	456.61	464.88	462.56	470.80	483.15	438.12	451.01	488.44	489.95	460.08	476.80
Veneer & Plywood	441.98	453.17	452.28	449.65	434.19	439.10	466.05	410.34	427.73	446.76	439.15	439.68	449.27
Millwork & Structural	346.53	326.20	325.74	334.28	334.46	349.76	363.32	319.98	353.33	372.19	354.76	357.08	362.23
Mobile Homes	287.96	247.51	250.29	277.44	303.58	323.84	314.27	287.93	309.59	303.80	304.92	278.88	250.75
Other Wood Products	439.15	426.78	425.46	430.20	429.71	422.40	456.60	422.14	445.94	463.00	447.72	449.85	453.17
Furniture & Fixtures	291.82	242.24	271.36	259.92	267.88	273.00	305.71	278.74	304.67	314.59	335.60	339.42	321.93
Primary Metals	494.73	483.89	491.84	490.56	499.93	493.74	506.15	488.74	499.28	480.40	498.78	500.08	508.57
Fabricated Metals	386.31	378.38	376.35	387.87	386.31	394.02	405.21	375.67	384.55	387.20	381.97	376.11	394.49
Machinery	416.97	421.22	422.80	416.85	396.62	402.60	430.40	410.50	412.78	427.39	416.23	425.58	423.20
Nondurable Goods	369.89	380.73	380.73	384.00	375.28	376.66	371.04	365.69	349.31	357.40	353.05	365.00	395.20
Food & Kindred Products	304.43	318.41	325.38	325.98	318.29	327.77	306.77	299.98	277.70	286.01	289.13	291.71	326.14
Canning & Preserving	249.09	256.41	263.25	267.72	260.37	267.11	236.84	238.48	231.62	240.37	254.60	231.84	274.03
Other Food Products	405.41	408.67	415.84	407.51	392.40	408.33	425.70	423.35	407.40	405.34	381.11	397.82	391.28
Textile Mill Products	221.76	229.59	232.56	232.09	239.51	233.00	213.35	172.58	210.79	221.48	229.82	206.38	241.13
Apparel	209.06	204.40	215.63	218.86	205.28	209.59	217.14	138.57	215.39	212.44	204.98	211.10	252.43
Paper & Allied Products	595.54	588.35	574.90	586.10	587.11	578.53	584.42	622.58	594.14	615.08	592.86	589.28	624.09
Printing & Publishing	388.85	409.37	400.20	408.04	372.08	381.97	377.78	373.30	397.95	389.06	387.45	392.76	389.13
NONMANUFACTURING													
Construction ^{2/}	493.10	503.96	486.18	494.33	485.76	482.27	499.20	513.47	509.01	482.59	490.82	458.67	503.78
Communications & Utilities ^{3/}	501.02	494.27	495.60	498.15	484.79	496.04	515.43	502.66	490.86	508.79	502.63	510.88	511.68
Wholesale & Retail Trade ^{3/}	286.79	286.71	282.81	285.12	288.10	288.77	296.67	291.72	289.00	291.53	280.38	277.72	286.01
Wholesale Trade	391.13	386.15	383.35	383.79	390.53	391.89	408.19	397.76	396.52	399.85	380.14	383.35	390.85
Retail Trade	237.12	238.68	233.46	237.00	239.13	238.51	244.60	241.71	239.15	239.69	231.82	227.20	237.60
Banking & Insurance	285.15	276.86	281.47	282.73	283.51	281.38	284.16	282.34	281.33	291.84	283.48	290.21	302.30
State & Local Government ^{4/}	336.61	324.77	326.37	324.10	320.82	322.50	320.42	362.57	365.75	356.40	339.86	340.54	344.17

AVERAGE WEEKLY HOURS OF OREGON WORKERS IN SELECTED INDUSTRIES 1985

	Annual Average	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
MANUFACTURING, TOTAL ^{1/}	38.7	39.0	38.3	38.8	38.3	38.8	39.3	37.1	38.6	39.2	39.4	38.5	39.1
Durable Goods	39.3	39.7	38.7	39.2	38.9	39.4	40.3	37.5	39.2	39.8	40.0	39.3	39.5
Lumber & Wood Products	39.5	39.9	38.8	39.2	39.2	39.9	40.6	36.9	38.9	40.5	40.6	39.2	40.1
Logging & Sawmills	39.2	40.5	38.5	39.0	39.3	40.0	39.7	36.0	37.9	40.3	41.0	38.5	39.8
Veneer & Plywood	40.4	40.9	40.6	40.4	39.4	40.1	42.1	38.1	39.9	41.1	40.7	40.9	41.1
Millwork & Structural	39.2	36.9	37.1	37.9	38.4	39.7	41.1	37.6	40.8	40.9	39.2	39.5	40.7
Mobile Homes	34.2	30.9	30.9	34.0	35.8	36.8	36.8	34.4	36.9	35.0	36.0	33.2	29.5
Other Wood Products	40.7	39.7	40.1	40.7	40.5	40.0	42.2	39.9	40.8	41.9	41.0	40.6	40.9
Furniture & Fixtures	36.8	32.0	35.8	34.2	34.7	35.5	38.6	36.2	37.2	38.6	40.0	40.6	39.5
Primary Metals	41.4	41.5	42.4	42.0	41.8	42.2	41.9	39.8	40.2	40.0	41.6	41.5	42.1
Fabricated Metals	39.1	37.8	38.6	39.1	39.1	39.8	40.4	38.1	39.2	40.0	39.5	38.3	38.6
Machinery	39.3	39.7	40.0	39.7	38.1	38.6	40.0	38.4	39.2	39.5	38.9	39.7	40.0
Nondurable Goods	37.1	37.0	37.0	37.5	36.4	37.0	36.7	36.1	37.2	37.7	37.8	36.5	38.0
Food & Kindred Products	35.9	35.3	35.1	36.1	34.9	36.5	35.1	35.5	36.3	37.0	37.5	34.4	35.8
Canning & Preserving	34.5	33.0	32.5	34.5	33.0	34.6	32.4	33.4	35.2	36.2	38.0	32.2	34.6
Other Food Products	38.5	36.7	38.9	38.3	37.3	39.0	39.6	39.6	39.4	38.9	36.4	38.4	37.3
Textile Mill Products	36.0	37.7	38.0	37.8	39.2	37.4	34.3	28.2	33.3	35.1	37.8	34.0	39.4
Apparel	37.2	37.3	38.3	37.8	35.7	36.9	38.5	25.9	38.6	37.8	37.0	37.9	43.9
Paper & Allied Products	41.1	41.0	41.3	40.9	40.8	40.4	40.5	41.7	40.5	41.7	41.0	40.5	42.6
Printing & Publishing	35.0	36.1	35.7	36.4	33.4	33.3	34.5	33.6	35.0	34.8	35.0	36.0	35.7
NONMANUFACTURING													
Construction ^{2/}	35.5	34.4	33.3	34.4	35.2	35.1	36.2	37.7	37.1	35.2	35.8	33.9	36.4
Communications & Utilities ^{3/}	40.7	39.7	40.0	40.5	39.9	40.1	41.4	41.0	40.5	41.5	40.6	41.4	41.6
Wholesale & Retail Trade ^{3/}	33.7	33.3	33.0	33.0	33.5	33.5	34.1	34.0	34.0	34.5	33.7	33.5	34.5
Wholesale Trade	37.9	37.6	37.4	37.7	38.1	37.9	38.4	38.1	38.2	38.3	37.6	37.4	37.8
Retail Trade	31.7	31.2	30.8	30.7	31.3	31.3	32.1	32.1	32.1	32.7	31.8	31.6	33.0

AVERAGE HOURLY EARNINGS OF OREGON WORKERS IN SELECTED INDUSTRIES 1985

	Annual Average	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
MANUFACTURING, TOTAL ^{1/}	\$10.49	10.81	10.53	10.55	10.50	10.50	10.64	10.51	10.25	10.40	10.34	10.49	10.65
Durable Goods	10.67	10.72	10.60	10.64	10.56	10.60	10.81	10.65	10.60	10.76	10.72	10.66	10.72
Lumber & Wood Products	11.14	11.18	11.12	11.13	11.03	11.04	11.29	11.15	11.01	11.27	11.16	11.12	11.16
Logging & Sawmills	11.96	11.95	11.86	11.92	11.77	11.77	12.17	12.17	11.90	12.12	11.95	11.95	11.98
Veneer & Plywood	10.94	11.08	11.14	11.13	11.02	10.95	11.07	10.77	10.72	10.87	10.79	10.75	10.93
Millwork & Structural Wood	8.84	8.84	8.78	8.82	8.71	8.81	8.84	8.51	8.66	9.10	9.05	9.04	8.90
Mobile Homes	8.42	8.01	8.10	8.16	8.48	8.80	8.54	8.37	8.39	8.68	8.47	8.40	8.50
Other Wood Products	10.79	10.75	10.61	10.57	10.61	10.56	10.82	10.58	10.93	11.05	10.92	11.08	11.08
Furniture & Fixtures	7.93	7.57	7.58	7.60	7.72	7.69	7.92	7.70	8.19	8.15	8.39	8.36	8.15
Primary Metals	11.95	11.66	11.60	11.68	11.96	11.70	12.08	12.28	12.42	12.01	11.99	12.05	12.08
Fabricated Metals	9.88	10.01	9.75	9.92	9.88	9.90	10.03	9.86	9.81	9.68	9.67	9.82	10.22
Machinery	10.61	10.61	10.57	10.50	10.41	10.43	10.76	10.69	10.53	10.82	10.70	10.72	10.58
Nondurable Goods	9.97	10.29	10.29	10.24	10.31	10.18	10.11	10.13	9.39	9.48	9.34	10.00	10.40
Food & Kindred Products	8.48	9.02	9.27	9.03	9.12	8.98	8.74	8.45	7.65	7.73	7.71	8.48	9.11
Canning & Preserving	7.22	7.77	8.10	7.76	7.89	7.72	7.31	7.14	6.58	6.64	6.70	7.20	7.92
Other Food Products	10.53	10.56	10.69	10.64	10.52	10.47	10.75	10.69	10.34	10.42	10.47	10.36	10.49
Textile Mill Products	6.16	6.09	6.12	6.14	6.11	6.23	6.22	6.12	6.33	6.31	6.08	6.07	6.12
Apparel	5.62	5.48	5.63	5.79	5.75	5.68	5.64	5.35	5.58	5.62	5.54	5.57	5.75
Paper & Allied Products	14.49	14.35	13.92	14.33	14.39	14.32	14.43	14.93	14.67	14.75	14.46	14.55	14.65
Printing & Publishing	11.11	11.34	11.21	11.21	11.14	10.87	10.95	11.11	11.37	11.18	11.07	10.91	10.90
NONMANUFACTURING													
Construction ^{2/}	13.89	14.65	14.60	14.37	13.80	13.74	13.79	13.62	13.72	13.71	13.71	13.53	13.84
Communications & Utilities ^{3/}	12.31	12.45	12.39	12.30	12.15	12.37	12.45	12.26	12.12	12.26	12.38	12.34	12.30
Wholesale & Retail Trade ^{3/}	8.51	8.61	8.57	8.64	8.60	8.62	8.70	8.58	8.50	8.45	8.32	8.29	8.29
Wholesale Trade	10.32	10.27	10.25	10.18	10.25	10.34	10.63	10.44	10.38	10.44	10.11	10.25	10.34
Retail Trade	7.48	7.65	7.58	7.72	7.64	7.62	7.62	7.53	7.45	7.33	7.29	7.19	7.20

^{1/} Data for production workers only. Excludes administrative, supervisory, sales, technical, and personnel. Premium pay for night shift and overtime work is included.

^{2/} Data for construction workers only. Excludes executive, professional, and office personnel.

^{3/} Data for nonsupervisory employees only. Excludes officers of corporations and executive personnel. Trade data does not include eating and drinking places.

^{4/} Data for all employees.

NOTE: Industry classified according to the 1972 Standard Industrial Classification Manual. Data prepared in cooperation with the U.S. Dept. of Labor.



APPENDIX

OREGON OCCUPATIONAL EMPLOYMENT ESTIMATES 1979-1983

Occupational Title	Employment				
	1979	1980	1981	1982	1983
PROFESSIONAL & TECHNICAL	154,409	161,662	161,759	156,906	161,628
Accountant/Auditor	6,202	6,771	6,599	6,276	6,272
Actor or Actress	5	46	49	65	96
Actuary	13	36	35	34	38
Agricultural Engineer	4	9	7	7	21
Agricultural Scientist	201	212	200	197	272
Air Traffic Controller	205	229	206	203	146
Airplane Pilot	306	502	449	373	233
All Other Engineering Techs	1,900	1,616	1,486	1,431	1,361
All Other Engineers	691	546	541	537	299
All Other Life Scientists	45	29	28	30	40
All Other Math Scientists	24	6	5	5	11
All Other Medical & Dental Techs	195	433	448	445	590
All Other Physical Scientists	84	86	83	79	56
All Other Professional	9,459	6,465	6,566	6,156	6,539
All Other Science Technicians	190	101	94	87	147
All Other Social Scientists	381	101	95	82	109
All Other Teachers	921	866	880	872	773
All Other Technicians	1,191	922	870	834	1,050
All Other Therapists	122	182	191	190	145
Announcer	563	612	665	646	686
Architect	483	502	449	407	343
Architect, Landscape	143	153	141	133	123
Archivist	4	22	20	23	23
Artificial App Maker	30	21	25	31	25
Athlete	17	47	55	50	60
Athletic Trainer	1	2	2	2	19
Audio Visual Specialist	18	26	27	25	107
Audiometrist	3	10	9	9	22
Biochemistry Technologist	10	26	27	27	47
Biological Science Tech	3,734	4,172	3,781	3,741	3,317
Biological Scientist	819	1,036	954	928	877
Blood Bank Technology Specialist	0	100	114	113	78
Broadcast News Analyst	105	129	135	138	123
Broadcast Tech	302	304	308	337	297
Budget Analyst	24	218	219	209	148
Case Worker	3,053	3,251	3,136	2,983	3,106
Ceramic Engineer	15	2	2	2	4
Chemical Engineer	230	214	208	189	200
Chemist	499	449	432	401	437
Chiropractor	52	69	76	82	113
Choir Leader/Choral Director	624	580	608	608	443
Civil Engineer	2,686	2,734	2,539	2,340	2,223
Civil Engineering Technician	2	648	630	574	737
Claims Taker, Unemployment Benefit	487	199	200	139	313
Clergy	2,861	3,498	3,666	3,666	2,886
Comedian	0	4	4	3	0
Commercial Artist	615	684	676	662	746
Community Organization Worker	174	466	445	432	451
Computer Programmer	1,674	2,055	2,026	1,946	1,819
Corrective Therapist	12	34	32	27	15
County Agriculture Extension Agent	145	132	129	115	151
Curator, Museum	9	26	29	29	45
Curriculum Specialist	0	0	0	0	96
Cytotechnologist	77	70	70	64	65
Dance Instructor	70	87	80	69	88
Dancer	45	16	15	18	30
Dental Hygienist	936	1,044	1,085	1,121	1,220
Dentist	232	542	561	573	736
Designer	539	716	676	625	1,046
Dietetic Technician	0	131	134	127	101
Dietitian/Nutritionist	272	339	352	331	391
Director, Camp	26	18	17	16	5
Director, Religious Activity/Rec	540	494	518	518	465
Drafter	4,115	3,072	2,883	2,562	2,524
Economist	151	208	199	188	241

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Occupational Title	1979	1980	Employment 1981	1982	1983
Electrical/Electronic Engineer	3 672	3 857	3 906	3 931	3 831
Electrical/Electronic Tech	2 831	3 383	3 336	3 390	4 364
Electrocardiograph Technician	187	137	141	141	154
Electroencephalograph Technician	73	88	93	94	76
Eligibility Worker, Welfare	725	870	831	715	704
Embalmer	101	104	106	106	170
Emergency Medical Technician	0	243	257	283	462
Employment Interviewer	935	711	647	529	668
Estimator & Drafter, Utilities	0	126	129	122	116
Extension Service Specialist	77	76	74	71	87
Film Editor	34	29	22	25	23
Financial Analyst	27	44	46	39	116
Forest Conservation Worker	1 803	1 286	1 159	1 118	1 609
Forester & Conservation Scientist	1 647	2 028	1 797	1 735	1 821
Geologist/Geophysicist	237	258	252	239	223
Graduate Assistant	2 407	2 368	2 308	2 218	2 288
Group Recreation Worker	786	873	828	892	1 098
Histologic Technologist	74	56	59	62	67
Home Economist	3	13	13	13	7
Horse Trainer	11	2	2	2	3
Industrial Engineer	859	923	894	840	797
Industrial Engineering Technician	168	249	230	209	192
Instructor, Automobile Driving	65	7	7	7	18
Instructor, Bus & Trolley	0	3	3	3	0
Instructor, Textile & Apparel	13	22	21	21	20
Judge	554	214	193	212	327
Lab Technician, Veterinary	129	132	150	153	150
Law Clerk	474	598	622	670	815
Lawyer	1 881	2 139	2 251	2 331	2 507
Librarian	1 402	1 476	1 488	1 428	1 538
Light Technician	14	3	2	2	19
Livestock Breeder	15	24	24	24	12
Magistrate	56	71	69	66	39
Manual Arts/Music/Rec Therapist	99	243	245	239	268
Marine Engineer	19	7	7	6	16
Market Research Analyst	51	177	179	182	101
Math Technician	2	3	3	3	8
Mathematician	19	45	42	43	21
Mechanical Engineer	2 147	2 154	2 028	1 807	1 617
Mechanical Engineering Tech	455	386	368	346	346
Media Analyst	11	11	12	14	35
Medical Lab Technologist	1 698	1 419	1 483	1 462	1 441
Medical Record Technician	243	229	237	233	268
Medical Scientist	18	28	29	28	31
Metallurgist/Metallurgical Engineer	126	98	92	82	76
Meteorologist	38	38	34	34	41
Microbiology Technologist	24	49	51	48	51
Mining Engineer	49	28	32	31	23
Model Maker	4	18	17	15	12
Museum Tech/Restorer	12	18	17	17	10
Music Director	0	22	20	17	12
Musician, Instrumental	1 861	1 822	1 874	1 815	1 186
Nuclear Engineer	35	28	29	29	40
Nurse Professional	11 738	14 486	15 169	15 171	15 386
Observer, Elect/Grav Prospecting	0	0	0	0	2
Occupational Therapist	117	202	209	205	231
Oceanographer	8	10	9	9	7
Optometrist	130	129	142	154	167
Orthoptist	0	1	1	1	1
Painter, Artistic	7	3	1	1	0
Paralegal Personnel	158	256	259	292	454
Personnel & Labor Relations Spec	1 279	2 274	2 169	2 046	1 970
Petroleum Engineer	15	0	0	0	3
Pharmacist	1 411	1 432	1 416	1 393	1 536
Photo Retoucher, Airbrush Artist	31	32	33	34	34
Photographer	430	2	2	2	105
Photographer, News	0	127	131	138	77
Photographer, Portrait/Commercial	20	170	178	174	349
Photographer, Scientific/Aerial	0	96	92	91	2
Physical Science Tech	339	314	295	262	276



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Occupational Title	1979	1980	Employment 1981	1982	1983
Physical Therapist	586	642	676	690	669
Physical Therapy Assistant	0	295	311	308	301
Physician &/or Surgeon	2 150	2 458	2 517	2 542	3 456
Physiologist	77	45	42	41	36
Podiatrist	6	6	7	7	2
Prosthetist/Orthopist	10	8	8	8	9
Psychologist	378	525	527	514	462
Public Relations Practitioner	603	858	828	813	680
Radiation Monitor	0	6	5	4	1
Radiation Therapy Technician	50	29	29	29	0
Radio Operator	24	14	15	13	23
Radiographer	25	60	55	46	38
Radiologic &/or Nuclear Med Tech	47	443	468	458	509
Reporter/Correspondent	615	756	769	759	725
Respiratory Therapist	506	464	495	501	474
Safety Engineer	86	98	93	89	72
Singer	3	32	33	31	2
Social Service Aide	1 616	1 276	1 222	1 162	1 035
Sociologist	2	34	33	33	18
Sound Recording Tech	12	22	14	12	14
Specifications Writer	8	11	8	8	10
Spectroscopist	28	24	23	19	17
Speech & Hearing Clinician	130	170	175	168	221
Sports Instructor	366	517	526	528	477
Statistician	185	160	153	146	180
Surgical Technician	303	345	365	363	372
Surveyor	790	823	767	694	751
Systems Analyst, EDP	1 426	1 671	1 608	1 530	1 752
Tax Examiner	447	427	395	382	481
Tax Preparer	830	534	611	641	346
Taxidermist	0	4	4	4	0
Teacher, Adult Education	1 781	1 882	1 909	1 853	1 607
Teacher, Col Accounting	207	205	203	197	186
Teacher, Col Ag & Natural Resour	111	109	107	103	121
Teacher, Col Anthropology	69	68	67	64	64
Teacher, Col Arch Ex Landscape	89	86	84	81	71
Teacher, Col Area Studies	3	3	3	3	16
Teacher, Col Banking & Finance	88	91	90	87	55
Teacher, Col Biological Sciences	552	551	542	523	510
Teacher, Col Business & Ind Mgt	364	365	364	352	342
Teacher, Col Chemistry	222	226	225	218	222
Teacher, Col Civil Const Engr	57	57	56	54	62
Teacher, Col Comm & Broadcasting	122	125	124	121	134
Teacher, Col Computer & Info Sci	84	83	81	78	223
Teacher, Col Counsel & Guidance	20	18	18	17	39
Teacher, Col Curriculum & Instr	37	36	35	34	16
Teacher, Col Deaf Education	17	16	16	16	26
Teacher, Col Economics	97	96	96	92	126
Teacher, Col Elect & Comm Enginee	52	53	52	50	64
Teacher, Col Elem Education	100	101	100	97	68
Teacher, Col Fire Control Technol	37	37	37	36	29
Teacher, Col Fish, Game, Wildl Mgt	18	18	18	17	30
Teacher, Col Foreign Languages	304	302	304	294	345
Teacher, Col Forestry	131	127	124	119	127
Teacher, Col Gen Engineering	4	4	4	4	55
Teacher, Col General Education	36	37	35	34	122
Teacher, Col Geography	61	60	59	57	63
Teacher, Col Graphics & Fine Arts	1 025	1 028	1 040	996	1 206
Teacher, Col Health Professions	886	776	763	732	994
Teacher, Col History	200	199	201	195	189
Teacher, Col Home Economics	115	100	100	97	279
Teacher, Col Landscape Architect	21	21	20	19	26
Teacher, Col Law Enforce & Corr	93	93	93	90	61
Teacher, Col Letters	814	816	819	793	915
Teacher, Col Library Sciences	25	26	25	24	38
Teacher, Col Mathematics	383	385	384	371	406
Teacher, Col Mech & Sk Crafts	991	980	985	955	560
Teacher, Col Mechanical Engineering	37	36	35	34	38
Teacher, Col Microbiology	65	63	61	59	65
Teacher, Col Nursing	256	256	255	246	325

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Occupational Title	1979	1980	Employment 1981	1982	1983
Teacher, Col Other Ed Specialties	108	106	105	102	169
Teacher, Col P E & Coaches	647	667	669	659	728
Teacher, Col Parks & Rec Mgt	11	10	10	10	11
Teacher, Col Pers Mgt Labor Rel	21	24	24	24	35
Teacher, Col Pharmacy	24	24	23	22	44
Teacher, Col Phys Science Ex Chm	377	375	370	357	437
Teacher, Col Pol Science & Gov	85	85	85	81	98
Teacher, Col Printing & Lithography	5	6	6	5	7
Teacher, Col Psychology	282	282	281	272	295
Teacher, Col Public Adm & Mgt	6	6	6	6	8
Teacher, Col Public Affairs	128	126	123	119	100
Teacher, Col Real Estate & Insur	100	98	98	96	56
Teacher, Col Secondary Education	67	71	71	68	39
Teacher, Col Secty Office Mach	217	224	222	216	219
Teacher, Col Social Science Gen	37	36	37	37	105
Teacher, Col Sociology	121	123	122	117	127
Teacher, Col Special Ed Ex Deaf	147	142	139	133	129
Teacher, Col Theology	109	84	88	86	120
Teacher, Col Transport & Util	50	42	45	50	58
Teacher, Col Zoology	34	33	32	31	32
Teacher, Elem Sch Arts & Crafts	105	102	105	101	161
Teacher, Elem Sch Home Economics	84	94	97	94	93
Teacher, Elem Sch Music	724	723	750	723	671
Teacher, Elem Sch Physical Educati	531	528	547	526	656
Teacher, Elem Sch Special Excepti	1,609	1,611	1,664	1,599	1,713
Teacher, Elem Sch Vocational	41	48	50	48	226
Teacher, Elementary Academic	11,518	11,441	11,873	11,418	11,057
Teacher, Preschool	1,486	1,637	1,611	1,523	2,147
Teacher, Secondary School	0	1	0	0	25
Teacher, Secondary Arts & Crafts	442	462	479	462	398
Teacher, Secondary Commercial & Bus	641	641	664	639	569
Teacher, Secondary English	1,953	2,022	2,101	2,023	1,621
Teacher, Secondary Foreign Language	331	346	358	343	323
Teacher, Secondary Health Educ	319	333	345	333	277
Teacher, Secondary Home Economics	483	494	502	484	393
Teacher, Secondary Industrial Arts	625	639	663	639	568
Teacher, Secondary Mathematics	1,135	1,169	1,214	1,170	1,058
Teacher, Secondary Music	457	463	480	467	479
Teacher, Secondary Performing Arts	77	79	82	80	90
Teacher, Secondary Physical Educ	948	981	1,019	982	855
Teacher, Secondary Reading	8	9	9	9	26
Teacher, Secondary Science	1,044	1,068	1,108	1,068	918
Teacher, Secondary Social Studies	1,409	1,454	1,512	1,457	1,320
Teacher, Secondary Special Excepti	604	635	657	633	1,478
Teacher, Secondary Vocational	401	401	416	402	405
Teacher, Substitute	5,530	5,565	5,772	5,564	6,161
Teacher, Vocational Education	123	368	349	332	433
Technical Director	19	28	28	33	36
Television Camera Operator	65	112	96	105	77
Tester	1,062	1,207	1,175	1,132	1,108
Timber Cruiser	160	134	126	112	130
Tool Programmer Numer Control	55	76	69	61	47
Traffic Engineer	25	19	19	18	43
Traffic Technician	19	17	17	16	25
Umpire	60	82	81	80	130
Urban & Regional Planner	400	542	558	518	418
Veterinarian	230	249	266	270	282
Video Recording Engineer	0	3	2	2	14
Vocational & Educational Counselor	1,364	1,824	1,861	1,750	1,762
Welfare Investigator	56	33	32	27	19
Writer &/or Editor	1,136	1,229	1,185	1,161	1,136
X-Ray Technician	1,202	766	807	818	816
MANAGERS & OFFICERS	69,105	68,507	66,631	61,344	60,938
All Other Managers & Officers	63,064	61,430	59,805	56,499	59,993
Assessor	720	535	533	509	382
Buyer, Wholesale/Retail Trade	3,098	2,970	2,914	2,723	2,348
Captain, Water Vessel	0	167	158	179	198
Chief Exec, Gen Admin & Legis	0	371	401	320	526

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Occupational Title	1979	1980	Employment 1981	1982	1983
Construction Inspector	503	473	463	437	342
Contract Administrator	0	46	53	48	49
Director, Food & Beverage	121	193	192	186	287
Fashion Coordinator	4	9	9	9	0
Fish & Game Warden	15	15	14	15	12
Manager, Auto Service Dept	473	434	418	392	444
Manager, Merchandise	740	854	833	772	1,532
Manager, Parts Dept	390	365	354	333	289
Manager, Restaurant	2,578	3,391	3,405	3,258	4,124
Manager, Store	8,718	8,644	8,646	8,177	10,548
Pilot, Ship	0	6	8	7	14
Postmaster/Mail Superintendent	337	352	360	366	591
Public Admin Inspector, Excl Const	1,614	1,354	1,298	1,302	1,525
Purchasing Agent &/or Buyer	1,628	1,898	1,800	1,657	1,826
Right of Way Agent	95	80	78	74	87
Sales Clerk Supervisor	0	78	66	60	800
Town Clerk	309	190	183	175	171
Train Conductor	517	501	477	420	371
Travel Agent/Accommodation Apprai	609	657	680	688	773
Wholesaler	3,572	3,485	3,485	3,338	3,706
SALES WORKERS	77,530	84,389	81,675	77,551	77,215
All Other Sales Workers	191	285	289	279	381
Broker & Market Oper, Commodities	31	54	64	56	77
Broker/Fir Rep Sec Trader	16	55	62	61	28
Business Broker	15	26	23	22	72
Contribution Solicitor	92	107	103	106	132
Crating & Moving Estimator	120	54	54	51	57
Demonstrator	77	189	183	182	86
Hospital Insurance Rep	27	13	14	14	5
Media Buyer	42	44	47	45	77
Placer	38	0	6	6	46
Portfolio Manager	76	16	19	20	0
Real Estate Broker	1,317	916	781	717	825
Safety Inspector	107	81	80	75	166
Sales Agent, Financial Service	24	2	2	3	245
Sales Agent, Insurance	2,640	3,828	4,014	3,857	4,414
Sales Agent, Real Estate	9,512	11,286	9,627	8,849	9,059
Sales Agent, Securities	643	590	676	679	857
Sales Clerk	13,039	16,522	16,390	16,386	17,881
Sales Representative	48,662	49,442	48,139	45,277	41,875
Special Agent, Insurance	200	718	119	111	172
Underwriter	691	726	732	724	643
Vendor	78	79	29	32	17
CLERICAL WORKERS	210,301	214,709	212,642	203,490	200,762
Accounting Clerk	8,817	10,835	10,531	9,903	10,375
Actuarial Clerk	5	11	10	9	18
Addressing Machine Operator	26	35	39	40	44
Adjustment Clerk	505	568	547	508	632
Admissions Evaluator	58	62	61	60	94
Airplane Dispatch Clerk	8	20	20	17	4
All Other Office Clerical Workers	7,378	7,026	6,897	6,539	6,909
All Other Office Machine Operators	1,056	555	549	530	687
All Other Plant Clerical Workers	871	887	867	825	501
Appraiser	39	7	7	6	59
Appraiser, Real Estate	265	454	441	415	473
Attendance Clerk	228	221	230	222	183
Bookkeeper	15,193	13,897	13,677	13,100	12,820
Bookkeeping & Billing Mach Oper	2,164	1,362	1,380	1,335	1,243
Box Estimator	6	5	4	5	6
Brokerage Clerk	38	41	51	54	55
Calculating Machine Operator	27	24	22	21	4
Call Out Operator	42	37	29	21	7
Cancellation Clerk	7	13	13	12	17
Car Rental Clerk	768	127	129	113	113
Cashier	19,559	18,325	18,177	18,161	18,287
Central Office Operator	1,777	1,201	1,153	1,072	1,111
Checker, Fitting Room	33	35	31	21	47
Checking Clerk	97	125	130	123	69
Chief Credit Analyst	53	36	37	38	58

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Occupational Title	1979	1980	Employment 1981	1982	1983
Circulation Clerk	84	125	129	127	142
Claim Adjuster	804	831	837	799	848
Claim Examiner - Li/Acc/Hlth	766	852	926	922	1,083
Claim Examiner - Prop/Casualty	179	92	93	89	113
Claims Clerk	851	782	816	808	583
Classified Ad Clerk	66	49	50	49	56
Clerical Supervisor	3,667	4,617	4,533	4,353	4,537
Coin Mach Oper/Currency Sorter	0	12	12	11	20
Collector	1,314	1,544	1,497	1,396	1,562
Computer Operator	1,345	1,730	1,702	1,617	1,896
Control Clerk, Data Processing	100	199	194	186	85
Copy Cutter	5	4	4	4	4
Correspondence Clerk	267	172	167	164	99
Cost Estimator	950	1,140	951	766	970
Counter	254	279	247	217	236
Counter Clerk	428	442	431	392	334
Counter Clerk, Telegraph	4	2	2	2	8
Court Clerk	247	245	242	235	250
Credit Analyst	174	154	153	159	222
Credit Authorizer	237	178	165	157	92
Credit Clerk	949	810	592	579	596
Credit Reference Clerk	75	111	102	92	114
Credit Reporter &/or Investigator	113	186	185	191	104
Customer Service Rep - Printing	23	24	23	18	
Customer Service Representative	821	1,448	1,445	1,399	1,611
Desk Clerk	1,150	1,499	1,468	1,386	1,401
Directory Assistance Operator	489	471	452	420	40
Dispatcher - Police/Fire/Ambulance	680	776	765	728	875
Dispatcher - Vehicle Service/Work	902	1,032	991	925	1,012
Dividend Clerk	9	5	6	5	8
Duplicating Machine Operator	191	312	314	320	336
Estimator - Media Clerk	11	17	17	17	28
Estimator - Printing Service	29	30	36	34	36
File Clerk	3,672	3,898	3,842	3,691	3,174
Film Booker	18	8	6	5	19
Foreign Credit Reporter	6	8	7	3	0
Freight Handler	10	10	10	9	15
Gas Dispatcher	9	8	9	8	6
General Clerk	21,133	21,403	20,881	19,787	20,651
In File Operator	71	53	47	28	27
Information Clerk	341	955	969	953	176
Inserting &/or Labeling Mach Oper	43	115	125	122	139
Insurance Checker	253	210	217	226	254
Insurance Clerk	129	102	110	97	79
Insurance Clerk - Medical	976	686	711	716	860
Investigator	297	114	143	138	108
Key Punch/Data Entry Oper	3,983	4,943	4,897	4,482	2,660
Library Assistant	3,458	3,213	3,208	3,081	2,865
License Clerk	0	321	309	297	323
Linecasting Mach Keyboard	32	26	27	25	25
Loan Closer	216	298	313	294	533
Mail Clerk	890	1,035	1,018	971	981
Mailer	201	161	170	170	209
Manifest Clerk	9	5	5	5	3
Margin Clerk	7	6	7	6	12
Mark-Up Worker	48	28	29	29	27
Marker	523	418	386	363	287
Messenger	259	319	321	293	396
Messenger - Bank	102	122	123	116	22
Meter Reader - Utilities	364	422	428	425	481
Monotype Keyboard Oper	12	18	19	18	20
Mortgage Closing Clerk	188	396	413	383	121
New Accounts Teller	635	554	561	524	563
Order Clerk	3,445	3,402	3,315	3,167	3,044
PBX Advisor	51	21	20	19	10
Payroll &/or Timekeeping Clerk	1,815	1,832	1,742	1,625	1,869
Peripheral Equip Oper	176	198	199	189	190
Personnel Clerk	627	846	824	794	892
Photo Typesetting Mach Key	132	108	109	109	128
Policy Change Clerk	293	248	252	238	201

APPENDIX

Occupational Title	1979	1980	Employment 1981	1982	1983
Postal Mail Carrier	4,388	4,735	4,845	4,919	4,758
Postal Service Clerk	1,074	1,043	1,067	1,083	894
Procurement Clerk	466	533	514	481	553
Production Clerk	1,776	1,812	1,736	1,609	1,731
Proof Mach Oper	722	681	687	652	530
Proofreader, Clerical	0	80	75	72	12
Proofreader, Compos Room	158	121	121	119	117
Protective Signal Oper	50	44	44	42	52
Purchase & Sales/Secur Order Clerk	0	8	8	7	24
Rate Clerk, Freight	201	230	219	202	216
Rater	756	765	771	761	636
Real Estate Clerk	308	231	207	196	155
Receptionist	6,388	6,337	6,445	6,389	6,506
Reservations Agent	2	53	39	34	20
Safe Deposit Clerk	129	100	103	99	63
Script Clerk	3	7	5	5	27
Secretary	24,251	26,379	26,311	25,359	25,896
Security Cashier	22	37	41	39	36
Security Description Clerk	0	1	1	1	1
Service Clerk	481	618	581	558	461
Service Observer	20	11	12	12	0
Shipping & Receiving Clerk	4,202	4,082	4,012	3,811	3,534
Sorting Clerk	144	26	26	24	31
Statement Clerk	174	208	209	194	163
Station Agent	172	165	157	138	122
Statistical Clerk	473	1,293	1,297	1,271	1,349
Stenographer	2,231	1,770	1,773	1,716	1,147
Stock Clerk, Storeroom & Warehouse	7,120	7,378	7,164	6,674	7,885
Strike On Mach Oper	33	9	10	8	12
Survey Worker	770	339	359	349	371
Switchboard Oper	1,756	1,695	1,710	1,661	1,521
Switchboard Oper/Receptionist	2,491	2,298	2,242	2,118	2,144
Tabulating Mach Oper	45	19	18	18	2
Teachers Aide	7,408	7,395	7,515	7,226	7,985
Tech Asst, Library	98	151	142	136	291
Telegraph Operator	166	190	182	163	202
Telephone Ad Taker, Newspaper	99	182	188	186	193
Teller	5,471	5,993	6,103	5,829	5,914
Ticket Agent	434	409	399	375	563
Title Clerk	0	1	1	1	0
Title Examiner	243	171	154	126	187
Title Searcher	141	92	73	53	55
Trade Recorder	2	1	1	1	2
Traffic Agent	213	265	266	262	305
Traffic Clerk	133	159	169	170	111
Transfer Clerk	9	4	5	4	11
Transit Clerk	55	42	43	42	23
Transportation Agent	231	336	328	328	218
Travel Clerk	8	17	17	18	26
Travel Counselor	42	45	47	25	51
Typist/Word Processor	13,479	12,242	11,895	11,251	9,805
Weighter	375	312	316	288	477
Worksheet Clerk	409	333	328	330	183
Yard Clerk	32	31	30	26	23
CRAFT WORKERS	129,441	121,067	112,555	101,715	100,196
Aircraft Mechanic	586	562	519	453	541
All Around Tailor	0	0	0	0	1
All Other Bindery Workers	117	179	181	172	173
All Other Mechanics & Repairers	1,867	1,709	1,694	1,594	1,086
All Other Skilled Workers	3,306	2,122	2,039	1,892	901
Alteration Tailor	532	415	406	381	426
Auto Seat Cov/Vinyl Top Installer	38	81	78	72	18
Automatic Maintainer	11	13	12	11	6
Automobile Repair Service Estimat	279	237	217	191	173
Automotive Mechanic	9,707	7,975	7,631	7,052	7,906
Auxiliary Equipment Operator	25	21	22	22	20
Baker	722	721	760	753	445
Baker/Bread	264	211	214	208	783
Bicycle Repairer	136	140	146	139	94
Bindery Mach Set-Up	31	12	11	14	14

APPENDIX

Occupational Title	Employment				
	1979	1980	1981	1982	1983
Bindery Worker, Assembly	372	407	427	441	447
Bindery Worker, Stitching	41	95	95	89	92
Blacksmith	50	58	55	50	40
Body Repairer, Automotive	1,593	1,445	1,410	1,337	1,147
Boiler Maker	448	451	369	334	203
Bookbinder, Hand	27	37	33	36	33
Bookbinder, Machine	177	226	232	226	250
Brick Layer	1,436	537	412	291	162
Building Inspector, Fire Ins	75	50	55	55	11
Cabinet Maker	1,025	942	883	790	718
Cable Installer	4	46	54	68	70
Cable Repairer	6	8	8	7	11
Cable Spicer	473	553	535	513	458
Cake Decorator	116	188	206	204	123
Camera Operator	233	281	282	278	300
Camera/Motion Picture Camera Rep	12	13	12	12	40
Car Repairer	183	140	132	117	104
Carpenter	9,310	8,277	8,826	5,381	4,062
Carpet Cutter &/or Layer	926	628	542	402	272
Casket Cover/Liner	0	10	10	9	7
Ceiling Tile &/or Floorlayer	295	229	189	146	167
Cement Mason	1,081	899	701	515	503
Central Batch Plant Operator	96	85	74	66	59
Central Office Repairer	1,052	925	905	880	654
Cobbler	1	1	1	1	1
Coin Machine Servicer	340	475	500	500	371
Compositor &/or Typesetter	49	40	40	43	77
Concrete Mixer Operator	4	6	6	6	15
Concrete Rubber	14	17	15	16	14
Concrete Stone Finisher	0	14	11	9	7
Concrete Wall Grinder Oper	24	0	0	0	2
Conduit Mechanic	0	63	44	25	0
Contour Grinder	7	1	1	1	1
Control Room Operator	27	25	26	26	30
Crane, Derrick & Hoist Operator	1,414	1,184	1,102	946	987
Dental Laboratory Technician	624	487	470	472	426
Die Maker	9	8	9	9	10
Die Setter	8	20	18	13	14
Die Sinker	22	6	7	5	4
Diesel Mechanic	1,580	2,439	2,341	2,142	2,423
Dispatcher, Load	40	66	69	68	73
Draper/Hanger	12	32	30	28	11
Dredge Operator	38	60	51	42	31
Drop Hammer Oper	14	16	20	16	11
Elect Track Switch Maint	142	136	129	114	101
Electric Instrument Repairer	38	53	50	49	70
Electric Meter Installer	59	27	26	23	39
Electric Motor Repairer	427	320	302	282	373
Electric Tool Repairer	31	28	29	32	24
Electrician	5,438	5,484	4,989	4,226	3,598
Electromedical Equipment Repairer	25	57	60	60	90
Electronic Mechanic	552	489	458	386	358
Electrotypist	0	0	0	0	2
Elevator Installer-Repairer	0	79	74	70	120
Engineering Equip Mechanic	1,610	1,842	1,689	1,460	1,355
Farm Equipment Mechanic	1,036	942	951	933	907
Fine Grader	5	7	6	4	7
Fitter, Pipe	11	0	0	0	1
Fitter, Structural Steel	77	124	110	77	93
Flexographic Press Operator	2	0	0	0	1
Floor Sanding Mach Oper	7	40	30	21	12
Food Shaper, Hand	26	20	18	16	30
Forging Press Oper	101	81	75	64	58
Forging Straightening Roll Oper	0	15	14	11	10
Forming Machine Upkeep Mechanic	16	14	15	13	12
Frame Wier	161	185	179	168	120
Furnace Installer/Repairer	349	339	308	272	232
Furniture Finisher	131	135	118	706	80
Furniture Upholsterer	136	137	115	103	109
Furner	21	7	6	5	12

APPENDIX

Occupational Title	1979	1980	Employment 1981	1982	1983
Gas Compressor Operator	0	6	4	7	0
Gas Meter Installer	0	17	18	18	1
Gasoline Engine/Mower Repairer	122	75	69	68	157
Gaspumping Station Operator	0	0	0	0	1
Gen Cutter	0	1	1	1	1
Glass Blower	4	20	23	23	26
Glass Installer	77	71	67	61	94
Grazier	553	552	499	429	481
Gravure Press Operator	0	3	3	3	2
Guide Setter	2	3	3	2	1
Gunsmith	2	9	9	9	3
Hammersmith Open Dies	1	5	5	4	4
Hand Compositor	106	56	55	54	63
Header Mach Operator	1	29	26	18	17
Heat Treater/Annealer/Temperer	128	166	133	101	91
Heavy Equipment Operator	6 724	5 946	5 219	4 466	4 498
Hook Tender	393	443	401	361	436
Hostler	91	87	83	73	65
Household Appliance Installer	254	111	106	92	62
Household Appliance Repairer	792	695	670	624	513
Hydroelectric Mach Mechanic	163	208	199	222	275
Imposer & Make-Up Arranger	127	32	32	31	25
Inspector	2 861	3 295	3 152	2 946	2 972
Installer/Repairer/Section/Maintnr	965	1 207	1 196	1 185	994
Instrument Mechanic	654	562	551	529	531
Instrument Repairer (Optical)	2	1	1	1	1
Irrigation System Installer	68	83	74	67	79
Jeweler &/or Silversmith	73	132	140	134	150
Knitting Machine Fixer	14	12	9	12	12
Laundry Machine Mechanic	58	55	53	49	44
Lay Out Worker (Metal)	274	229	01	160	174
Lay Out Worker, Structural Steel	0	26	20	13	1
Leather Stamper Hand	0	0	0	0	1
Lens Grinder	28	29	25	27	33
Letter Press Operator	248	222	231	213	236
Line Erector/Installer-Repairer	1 639	1 759	1 747	1 667	1 495
Linecasting Mach Oper	68	45	46	46	56
Linecasting Mach Tender	5	1	1	1	1
Liquefaction/Regasification Oper	0	25	19	28	0
Loader Engineer	703	504	459	413	515
Locksmith	82	103	97	95	71
Locomotive Engineer	680	655	624	550	491
Locomotive Firer	193	185	176	155	138
Log Inspector/Grader/Scaler	889	876	803	546	647
Loom Fixer	22	41	36	36	26
Ludlow Mach Oper	1	4	4	4	4
Lumber Grader	1 206	1 177	1 059	941	958
Mach Tool Oper, Tool Room	88	68	63	56	43
Machine Set-Up Oper, Paper Goods	140	131	132	130	115
Machine Setter (Woodworking)	249	277	256	223	249
Machine Tool Setter, Metal	110	193	182	161	136
Machinist	3 189	2 634	2 457	2 207	2 105
Maintenance Mechanic	5 363	5 579	5 237	4 687	4 487
Maintenance Repairer, Gen Utility	5 473	6 398	6 231	5 912	7 028
Marine Mechanic	74	263	224	219	149
Master Tailor	1	5	6	6	0
Mattress Maker	20	29	27	22	16
Merchandise Displayer/Window Trim	207	223	218	219	231
Metal Fabricator	310	411	331	256	234
Miller, Food	39	46	44	40	67
Millwright	598	657	500	450	420
Mine Machinery Mechanic	60	18	19	16	3
Mobile Home Repairer	433	285	245	209	190
Molder/Mold Maker	17	22	23	21	20
Molder, Bench &/or Floor	193	133	126	101	98
Molder, Machine	202	172	162	136	144
Molder Pattern	11	2	2	2	3
Motion Picture Projectionist	278	322	324	296	288
Motorboat Mechanic	105	92	86	81	66
Musical Instrument Repairer	71	56	58	58	69

APPENDIX

Occupational Title	1979	1980	Employment 1981	1982	1983
Office Mach/Cash Reg. Servicer	807	800	758	694	908
Offset Lithographic Press Oper	943	1,154	1,169	1,147	1,263
Oil Burner Installer/Servicer	145	200	189	181	103
Optic Mech/Dispensing Optician	636	700	709	666	662
Painter, Maintenance	2,005	1,842	1,596	1,391	1,271
Paperhanger	34	54	39	31	13
Pattern Maker, Metal	34	43	40	35	40
Pattern Maker, Plastic	8	11	11	9	11
Pattern Maker, Wood	108	62	58	51	44
Photo Typesetter Operator	75	214	209	197	218
Photo Typesetting Monitor	97	29	29	30	27
Photoengraver	29	17	16	13	32
Picture Framer	8	2	2	2	19
Pinsetter Mechanic, Automatic	107	79	75	69	103
Plasterer	427	215	162	125	104
Plastic Molding Set-Up	35	38	32	32	36
Platemaker	84	98	102	105	114
Plumber &/or Pipefitter	4,263	3,828	3,383	2,991	2,295
Power Reactor Operator	0	0	0	0	1
Power Transformer Repairer	10	3	3	2	5
Press Operator &/or Plate Printer	493	460	468	454	593
Protective Signal Inst	48	44	41	38	36
Pumper Operator	27	27	26	25	23
Pumper, Head	0	0	0	0	3
Punch Press Set-Up, Metal	74	48	44	38	35
Radio Mechanic	77	133	127	123	138
Refractory Material Repairer	79	57	51	41	36
Refrigeration Mechanic	507	731	692	633	706
Rolling Mill Oper Helper	50	21	20	16	14
Rolling Mill Oper/Attendant	44	37	34	26	21
Roofer	780	808	621	564	602
Saddle Maker	8	0	0	0	1
Sample Maker	41	34	27	27	30
Setter, Molding & Coremaking Mach	52	12	11	9	18
Sewage Plant Operator	552	437	428	408	421
Sewing Machine Mechanic	74	52	47	47	34
Shear &/or Slitter Set Up	29	18	16	13	13
Sheet Metal Worker	3,370	2,666	2,320	2,083	1,777
Shell Mold/Shellcore Mach Oper	16	56	51	41	78
Ship Engineer	104	94	86	78	105
Ship Fitter	151	155	144	175	153
Ship Rigger	18	0	0	0	1
Ship Wright	80	103	96	115	66
Shoe Dyer	0	6	6	5	0
Shoe Repairer	76	49	51	41	65
Shop Repairer, Instruments	6	24	23	22	79
Sign Erector	42	32	35	39	69
Slitter Press Setter/Operator	4	2	2	2	1
Springer, Furniture	39	51	51	47	59
Station Eng, Main Line	14	14	10	13	0
Station Installer	622	484	466	449	249
Stationary Engineer	600	637	624	608	667
Steel Die Press Operator	34	24	30	29	41
Stereotypier	0	3	3	3	3
Stone Setter	6	8	8	8	9
Stonemason	7	7	7	10	23
Street Light Repairer & Servicer	4	8	8	8	12
Stripper	175	172	178	173	229
Structural Steel Worker	354	511	397	286	331
Substation Operator	204	154	140	139	21
Supervisor, Nonworking Exc Service	14,246	12,866	12,213	11,138	12,016
Supervisor, Nonworking Service	1,162	1,215	1,214	1,174	1,714
Switchboard Oper, Generating Plant	56	81	85	84	90
TV/Radio/Tape Deck Repairers	813	621	598	597	516
Telegraph Equip Maintainer	37	9	9	8	0
Teletype Installer	12	33	31	29	36
Terrazo Worker	4	6	4	3	4
Tie Setter	185	67	45	28	40
Tool & Die Maker	574	618	574	528	498
Tractor Operator	1,187	968	896	827	957
Treatment Plant Mechanic	23	42	42	40	63

APPENDIX

Occupational Title	1979	1980	Employment 1981	1982	1983
Trouble Locator, Test Desk	121	110	109	108	79
Trouble Shooter	73	85	88	93	37
Turbine Oper	0	4	4	4	18
Upholsterer	184	210	205	201	270
Upholstery Cutter	27	32	32	30	38
Upholstery Trimmer	2	1	1	1	1
Upsetter	9	2	2	2	2
Veneer Grader	2,165	1,411	1,350	1,184	1,290
Waste Treatment Plant Oper., Chem	5	8	8	6	12
Watchmaker	109	97	99	96	49
Water Meter Installer	97	33	33	31	41
Water Treatment Plant Oper	209	298	288	279	312
Water Works Pump Station	61	29	31	29	30
Watershed Tender	31	26	27	27	3
Yard Engineer	26	28	26	22	18
Yarder Engineer	523	571	524	473	577
OPERATIVES	197,201	150,345	143,505	132,655	130,541
Able Seaman	84	74	71	73	60
Abrasive Grinder	7	8	6	5	6
All Other Darkroom Workers	6	20	19	18	52
All Other Semiskilled Workers	9,654	9,678	9,386	8,686	6,983
Ampule Fill/Seal/Washing Oper	0	12	13	11	9
Artist	11	23	23	23	14
Asbestos & Insulation Wkr	193	462	337	274	396
Asphalt Blender	7	7	4	4	3
Asphalt Mixing Machine Tender	10	7	5	5	0
Asphalt Plant Drier Operator	4	5	3	3	6
Asphalt Plant Oper	29	31	24	19	89
Assembler	9,962	8,610	7,956	7,337	7,332
Assembler-Puller Over, Hand/Mach	33	1	1	1	2
Auger Press Operator	26	17	14	12	9
Auto Rubber Hose & Vulcan	0	5	5	4	4
Auto Spring Coil Mach Oper	16	15	14	14	11
Back Tender	171	183	179	168	160
Bag Mach Oper	106	131	133	131	124
Bagger - Plastic	5	1	2	1	1
Baker Helper	90	127	127	126	124
Balancing Mach Oper	5	3	3	4	3
Baling Mach Oper	27	42	41	38	82
Band Scroll Saw Oper	40	11	10	10	11
Barker Oper	564	464	423	368	408
Battery Loader/Fabrics	2	3	3	3	3
Beam Wrapper Tender Auto	2	3	3	3	3
Beamer, Hand/Machine	6	2	2	2	5
Beater	47	46	45	42	40
Beater Engineer	52	55	53	50	48
Bed Laster	2	1	1	1	1
Bench Hand Jewelry	11	3	3	3	4
Beveler, Beveling Oper	4	1	1	1	1
Bitposter	27	4	5	6	9
Bindery Worker	16	9	9	12	16
Blanching Mach Oper	20	23	21	20	22
Blast Construction	24	15	14	13	16
Blast Mining & Quarrying	9	15	25	17	8
Bleacher, Groundwood Pulp	37	42	41	39	36
Blending Mach Oper	9	6	5	5	5
Block Making Mach Oper	21	18	17	15	15
Blow Molding Mach Operator	15	9	8	8	10
Blue Printing Machine Operator	33	59	63	61	34
Boatswain	6	10	10	9	5
Bobbin Winder	10	7	6	6	6
Bodysmaker Oper., Tin Can	69	30	29	27	25
Boner Meat	106	128	124	119	115
Boner Poultry	12	15	19	18	18
Bookmobile Driver	7	14	14	14	3
Boring Machine Op., Wood	59	42	41	38	40
Bottom Filler	1	1	1	1	2

APPENDIX

Occupational Title	Employment				
	1979	1980	1981	1982	1983
Box Maker Paperboard	28	33	34	32	14
Braker	1,251	1,194	1,137	1,002	889
Brick & Tile Making Machine Oper	13	13	14	13	9
Briquetting Mach Oper	8	6	6	5	4
Brown-Stock Washer/Blow-Pit Tend	44	25	25	24	24
Buffer, Hides/Skins	2	2	2	2	5
Buffer, Shoe Parts	0	2	2	2	3
Bulk Station Operator	0	4	3	3	3
Bullet Processing Mach Oper	8	7	8	9	10
Bundler	45	30	24	25	25
Burier	9	12	11	11	10
Burnisher	0	1	1	1	2
Bus Driver	5,605	4,650	4,772	4,768	4,335
Bus Driver, School	0	1,006	975	947	1,120
Butcher, All Around	184	161	153	157	169
Butcher/Meat Cutter (Exc. Manuf)	2,159	2,081	2,235	2,183	1,412
Butter Maker	13	9	10	9	10
Cage Maker Hand or Mach	19	16	14	15	11
Calender Oper	3	8	7	5	4
Calender Oper Help, Plastic/Rubb	3	18	16	14	19
Calender Oper, Plastic/Rubber	21	8	7	5	5
Calender Operator, Knit Goods	22	8	7	7	6
Candy Maker	13	15	17	18	28
Cannery Worker	5,985	5,976	5,736	5,658	5,839
Carbon Setter	96	99	95	80	71
Carbonation Equip Tender, Beer	2	12	12	11	12
Carcass Splitter	14	14	13	12	9
Card, Comb Tender/Card Stripper	34	35	31	30	30
Carrier Driver	425	249	212	188	206
Carton Forming Mach Oper	51	6	5	7	5
Carving Mach Oper	7	28	33	28	32
Casing Finisher &/or Stuffer	37	29	34	34	31
Caster	0	1	1	1	1
Caster, Finished or Semifinished	0	11	10	8	8
Caster, Ingots & Pigs	118	76	73	61	53
Caster, Plastics	39	12	14	12	11
Caster, Pottery & Porcelain	13	32	33	30	38
Catcher Steel	13	8	7	5	4
Centrifugal-Casting Mach Oper	14	10	9	9	7
Charger Operator	8	17	16	11	12
Chauffeur	115	97	99	82	142
Cheese Maker	26	27	26	26	25
Cheese Maker Helper	78	52	48	49	46
Chemical Oper Helper	34	62	59	50	52
Chemical Operator A	198	236	229	176	204
Chemical Operator B	76	72	71	74	64
Chicken Cutter	42	55	69	65	68
Chief Operator	17	44	48	51	51
Chipper, Log	574	402	367	319	356
Clarifier	2	3	3	4	3
Clay Maker	1	2	3	2	3
Cloth Feeder & Back Tender	8	9	8	10	24
Cloth or Carpet Winder	43	18	34	32	4
Cloth Printer	13	12	8	6	12
Coater Oper Insulation	13	6	6	3	3
Coater Operator, Off-Machine	65	35	36	35	32
Coater, Drugs	4	8	9	8	7
Coater, Roofing Felt	66	48	40	35	70
Coating Mach Oper	15	4	4	4	4
Coating Mixer Tender	30	24	24	23	22
Coil Finisher	138	134	135	133	140
Coil Winder	215	138	134	135	142
Coke Oven Pusher/Door Opener	0	15	13	10	0
Combiner Operator	10	12	12	12	16
Compounder, Petroleum	8	10	9	4	15
Compression/Injection Molding Oper	570	430	377	378	392
Compressor, Drugs	8	20	20	17	16
Concrete Pipe Maker	82	72	64	67	53
Concrete Stone Fabricator	30	27	23	25	22
Concrete Vault Maker	31	19	18	17	13

APPENDIX

Occupational Title	Employment				
	1979	1980	1981	1982	1983
Conveyor Operator	1	430	411	378	303
Convolute Tube/Spiral Tube Winder	28	20	21	19	17
Cook &/or Cooker	132	129	124	125	135
Cooler Room Worker (Meat)	17	10	9	8	9
Cooling Mach Oper	1	3	3	3	3
Copy Camera Operator	3	3	3	3	19
Core Assem Finisher	7	1	1	1	1
Core Feeder, Plywood	704	583	554	483	551
Core Layer &/or Sheet Turner	1,331	951	915	798	920
Core Winding Operator	159	157	155	148	141
Coremaker, Hand/Bench/Floor	51	72	66	57	55
Coremaker, Machine	60	32	34	25	24
Corner Cutter	7	7	7	8	7
Corrosion Control Fitter	7	9	10	8	12
Corrugator Knife Oper	8	8	9	7	8
Corrugator Oper	15	22	24	20	19
Crab Backer (Butcher)	4	8	8	7	3
Crab Cooker	2	4	4	4	2
Crab Picker	4	8	8	7	3
Crab Processor	0	4	4	4	2
Crater	10	13	12	8	10
Creeper Yarn	10	3	3	3	3
Cushion Maker	17	8	7	7	7
Cut-Off Saw Oper	1,156	812	786	679	722
Cut-Off Sawyer, Log	314	236	213	187	215
Cutter, Hand	64	33	34	30	39
Cutter, Machine	166	205	208	198	196
Cutter, Portable Mach	127	107	100	102	103
Cutting Mach Oper, Food	89	93	97	94	101
Cylinder Mach Tender	2	3	3	3	3
Cylinder Die Machine Operator	18	11	10	10	10
Dado Oper	11	6	5	5	5
Dairy Processing Equip Oper	97	119	120	115	140
Decorator, Bakery Products	20	34	32	28	38
Decorator, Hand	8	8	11	9	17
Dehanning Mach Oper	0	1	1	1	1
Delivery Car	3	14	14	12	23
Delivery Driver & Route Worker	7,173	7,136	7,123	6,846	8,063
Depositer, Food	27	23	24	25	26
Developer &/or Projection Printer	198	176	192	194	217
Developing Mach Oper	43	1	1	1	6
Die Cutter &/or Clicking Mach Op	78	92	94	95	87
Die Mounter	15	10	11	11	10
Diecast Mounter/Set-Up	215	123	118	111	106
Digester Oper Helper	49	49	49	47	43
Digester Oper or Cook	72	69	68	64	61
Drinker Operator	21	21	16	16	7
Dip Plater	47	29	27	24	23
Dipper, Pottery	3	1	2	1	1
Dividing/Dough Brake Mach Oper	75	57	56	56	78
Doffer	3	3	3	3	2
Doughnut Maker & Mach Oper	78	81	83	84	58
Dowel Mach Oper	4	1	1	1	1
Drawer-In Hand	5	3	3	3	3
Drawing Frame/Gill-Box Tender	0	1	1	1	1
Dresser Tender	6	5	4	4	4
Drier & Pulverizer Tender	4	1	1	1	1
Drier Chemical & Rubber	13	8	8	5	8
Drier Oper Food	34	25	22	22	23
Drier Oper Insulation Board	11	11	11	6	6
Drier Oper, Textiles/Rugs	1	3	3	3	3
Drier Operator	0	6	6	5	0
Drill Press & Boring Mach Oper	612	687	628	541	487
Drill-Punch Operator	4	4	4	4	4
Driller, Hand	1	39	48	36	10
Driller, Machine	29	39	38	28	25
Driver, Assembly	0	0	0	0	79
Dry Cleaner, Hand	8	14	13	12	42
Dry Cleaning Machine Oper	142	150	146	134	200
Dry Curer	2	2	2	2	2

APPENDIX

Occupational Title	1979	1980	Employment 1981	1982	1983
Dry-Wall Applicator	378	840	623	460	357
Dump Operator	4	2	2	2	6
Dust Oper/Core Crushing Dust Collect	7	7	8	7	8
Dye Range Oper/Back Tender	1	1	1	1	1
Dye Reel/Jiggers/Pad Mach Oper	12	7	6	6	4
Dye Tank Tender	7	4	3	3	3
Edge Gluer	225	178	171	150	171
Electrical/Electronic Assembler	3,950	3,874	3,786	3,847	3,875
Electro-Mechanical Assembler	443	751	744	721	734
Electrolytic Cell Maker/Repairer	19	24	21	21	20
Electroplater	271	276	258	229	240
Emboss/Stamp/Mark Mach Oper	0	10	10	9	20
Encapsulator	57	7	8	12	10
Ending Mach Oper	0	5	6	5	5
Enrobing Mach Oper	25	9	8	7	9
Envelope Finishing Mach Oper	31	18	18	18	16
Envelope Mach Oper	54	55	56	56	58
Etcher &/or Engraver Mach Oper	23	56	60	62	103
Evaporator Oper. Chem	7	8	7	7	7
Evaporator Oper. Papermaking	19	20	20	20	18
Exterminator	71	109	106	104	82
Extractor Plant Operator	28	4	4	7	7
Extruder Oper Helper. Plastic/Rub	48	44	41	39	48
Extruder Oper. Plastics/Rubber	109	132	122	99	125
Extruder Operator	0	8	0	0	3
Extrusion Press Oper. Hot Billets	3	4	4	4	2
Eyelet Mach Oper	7	11	11	10	13
Fabricator. Plastics	71	50	51	49	48
Fastener Mach	3	1	1	1	2
Feed Pellet Mill Oper	31	32	29	33	26
Fermentation Operator	6	13	14	13	11
Fier/Grinder/Buffer/Cleaner	1,316	1,344	1,235	1,012	904
Filter &/or Filter Press Operator	3	5	5	5	4
Finisher. Hand	53	42	47	46	50
Finisher. Pottery & Porcelain	12	31	36	33	44
Firer. Manne	0	0	0	0	6
Fish Cleaner &/or Butcher Fish	496	322	293	326	267
Flavor Room Worker/Freezer Oper	33	31	31	30	32
Flexo Folder Gluer	17	31	34	29	28
Floor Worker	26	24	26	23	20
Floor Worker. Footwear	7	10	9	8	14
Folder	172	230	221	212	214
Folder. Hand	41	14	12	9	21
Folding Mach Feeder	6	11	11	11	10
Folding Mach Oper. Paper	38	94	93	88	83
Folding Mach Oper. Textiles	29	16	17	16	13
Forming Mach Oper. Glass Container	45	33	35	31	27
Four Corners Stayer Mach Oper	4	2	2	3	3
Fourdriner Mach Tender	167	182	179	167	166
Fourth/Fifth Hand	268	290	285	271	260
Fumigator	0	5	5	5	4
Furnace Oper &/or Cupola Tender	307	408	374	300	287
Furnace/Burner Tender	4	30	26	23	23
Furnace/Over/Kim/Oven Oper/Tender	0	68	66	62	50
Furniture Assembler & Installer	41	108	104	86	80
Fusing Mach Oper	6	3	3	3	3
Gager	9	45	47	23	80
Gang Sawyer	158	67	58	52	57
Garment Repairer	6	12	12	10	13
Gas Station Attendant	6,786	6,445	6,223	6,822	6,107
Gear Cutter/Gear Grinder	26	62	57	47	30
Glass Blowing Lathe Oper	0	11	7	6	14
Glass Cutoff Mach Oper	0	9	8	7	8
Glass Cutter Mach	1	4	4	3	3
Glass Finisher	0	2	2	1	2
Glazier/Joner. Stained Glass	5	2	2	2	2
Glove Turner & Former	2	2	2	2	2
Gluer &/or Cementer. Hand	32	40	41	40	45
Gluing Machine Oper	65	74	70	62	68
Grader. Food &/or Skins	78	161	156	157	333

APPENDIX

Occupational Title	Employment				
	1979	1980	1981	1982	1983
Grain Receiver	12	8	7	8	6
Granulator Mach Oper	12	12	12	8	9
Green Anode Processor	3	6	6	5	4
Grinder Oper. Chem/Plastic/Rubber	33	37	35	37	41
Grinding/Abrading Mach Oper	571	645	598	523	474
Hand Edger	1	4	2	2	3
Hand Sewer	37	38	39	31	29
Harness Placer	4	3	3	3	3
Head Sawyer	490	403	363	316	382
Heat Sealer	12	6	5	6	10
Heater Metal	46	21	22	16	13
Heater Tender	0	0	0	0	6
Heating Pit Charger	10	6	5	3	3
Heel Attacher	0	2	2	2	3
Heel Seat Fitter Mach	1	1	1	1	2
Heel Seat Laster Mach	0	1	1	1	2
High Density Finishing Oper	9	3	3	2	2
Hose Maker	0	5	6	6	1
Hot Plate Plywood Press Oper	517	390	372	324	370
Hydraulic Press Oper. Veneer	48	43	42	37	41
Ice Maker	28	4	4	4	6
Impregnator, Electronic	55	42	44	44	48
Inching Mach Operator	13	0	0	0	1
Industrial Truck Operator	7,231	7,519	7,166	6,422	6,090
Ingredient Scales	54	44	42	41	45
Inker	2	1	1	1	3
Inker Hand or Mach	2	2	2	2	3
Instrument Maker/Assembler	280	206	197	194	194
Insulating/Extruding Mach Oper	3	1	1	1	1
Kettle Oper. Adhesive	38	33	30	26	32
Kiln Oper. Clay/Lime	46	0	0	0	7
Kiln Oper. Lumber	131	80	70	82	70
Knitting Mach Oper	43	26	23	27	27
Laminating Mach Oper. Furniture	44	37	32	26	36
Laminator, Preforms	135	155	135	146	168
Laster Hand	4	3	4	4	4
Lathe &/or Turning Mach Oper	927	951	880	765	762
Lathe Oper. Wood	61	34	35	34	39
Lather	251	135	101	79	50
Laundry Operator. Small Estab	482	400	398	399	406
Layboy Tender	0	27	26	23	22
Leather Finisher	0	2	2	2	4
Leather Worker	15	0	0	0	5
Line Service Attendant	315	361	363	359	297
Loading Machine Oper	25	21	21	21	44
Loading Machine Operator	11	26	24	20	9
Log Handling Equip Oper	646	737	673	584	662
Looper	7	7	3	8	10
Mach Presser. Drycleaning	321	286	273	258	321
Mach Presser. Laundry	459	581	572	547	463
Mach Tool Oper. Combination	1,350	1,043	1,014	932	879
Mach Tool Oper. Numerical Control	328	518	489	403	354
Machine Assembler	873	1,039	978	787	622
Machinist. Wood	339	382	358	304	303
Manipulator. Table/Bed Oper	5	7	7	5	6
Manne Service Station Attend	48	9	10	13	9
Marker. Cloth & Paper	9	26	24	24	24
Marker/Classifier/Wet Wash Assembler	484	168	157	149	176
Measuring Mach Oper. Leather	2	1	1	1	2
Meal Grinder	36	44	43	34	52
Mender	71	101	98	91	111
Mender. Cloth	19	14	13	13	13
Milk/Grinder Oper. Mineral	199	241	207	172	182
Mining & Planing Mach Oper	581	608	562	487	381
Mixer Oper Hot Metal	0	1	1	1	1
Mixer Ore & Metals	28	6	6	5	4
Mixer. Clay & Relate Prod	16	45	41	36	47
Mixer. Food & Tobacco	283	328	337	335	361
Mixer/Blender. Chemical	479	453	446	421	476
Mobile Home Set-Up Operator	121	148	118	82	75

APPENDIX

Occupational Title	1979	1980	Employment 1981	1982	1983
Mold Closes/Core Setter	34	48	44	36	34
Molder Hand Refractory	1	8	6	5	6
Molder Machine	4	2	2	1	1
Mortising Mach Oper	12	7	7	6	7
Motorboat Operator	0	4	4	4	3
Mult Photo Print Oper	123	132	143	138	92
Nail Making Oper	61	69	61	46	174
Negative Cutter & Spotter	22	15	17	17	31
Novelty Worker	19	23	21	23	19
Over	612	590	542	473	510
Ordinary Seaman	125	167	165	180	165
Oven Operator Automatic	88	90	90	89	128
Painter Automotive	510	569	652	518	520
Painter Production	1,193	1,036	930	832	801
Panel Mach Oper Paper	3	4	4	4	4
Panelboard/Grind Mill Oper	42	56	49	35	58
Paper Roll Rewinder Oper	124	101	189	180	168
Parking Lot Attendant	308	341	364	353	496
Paste-Up Copy Camera Operator	342	415	421	412	417
Pattern Cutter	5	8	7	7	11
Pattern Maker	24	22	18	18	24
Pattern Marker (Wood)	24	23	25	20	21
Photo Checker & Assembler	131	117	129	120	101
Photographer Helper	16	11	11	10	9
Photolettering Mach Oper	9	5	5	5	12
Picker Tender Cotton & Wool	2	2	2	2	0
Picker Food	5	11	10	8	6
Pipe & Tank Liner	0	1	1	1	1
Pipe Stripper	28	32	30	31	23
Planer Operator Lumber	365	370	338	294	328
Plastic Top Installer	23	21	20	22	35
Plater Helper	187	147	145	130	168
Pressing Mach Oper	1	1	1	1	1
Pusher/Blocker Glass	1	2	2	2	2
Rony Edger	573	505	452	396	429
Rot Liner	57	54	52	44	39
Rot Tumbler	255	308	295	248	222
Roughy Drinker/Eviscerator	155	153	130	122	127
Rough Metal	164	116	106	81	75
Power Press Tender	10	12	11	11	10
Power Screw Driver Oper	18	11	11	10	11
Precipitator Oper	4	4	4	3	3
Press Assistant/Felder	175	219	210	196	245
Press Operator	48	9	8	10	12
Press Operator Hardboard	40	44	41	36	47
Press Operator Meat	6	1	1	1	1
Press Tender Rubber Goods	129	95	91	66	49
Presser (Hand) Blocker	73	105	105	99	94
Print Developer Machine	14	24	22	23	31
Printer Spotter Feeder	2	7	8	7	6
Printer Sifter Oper	8	14	13	16	16
Production Packager	6,094	6,974	7,013	6,713	7,053
Proof Press Operator	2	10	10	10	9
Ruling & Lasting Mach Oper	1	2	2	2	3
Pulp Refiner Oper	42	46	46	42	40
Pumper	115	130	128	122	120
Pumper Meat	6	9	10	10	6
Punch Press Oper Metal	763	691	639	560	507
Punch Press Oper Plastic	0	4	4	4	4
Per Brk & or Bending Mach Oper	365	383	364	299	266
Quarry Plug-and-Feather Oper	1	1	1	1	0
Raw Cheese Worker	0	1	1	1	1
Reagent Tender	0	8	8	7	6
Recovery Oper Papermaking	88	109	107	102	101
Recovery Operator Metal	9	1	1	6	5
Refinery Operator Petroleum	3	28	21	11	22
Resawyer	508	406	370	319	371
Retort Oper	45	22	35	35	28
Rip & Groove Mach Oper	0	10	9	6	5
Ripsaw Oper	365	327	305	267	299

APPENDIX

Occupational Title	1979	1980	Employment 1981	1982	1983
Riveter, Light	31	25	21	17	22
Riveter, Heavy	27	10	9	6	9
Roll Builder	4	11	10	2	6
Roll Builder, Roughing Stands	2	2	2	1	1
Roll Forming Mach Oper	55	66	58	57	54
Rolling Mach Oper	0	3	2	0	3
Roof Cement & Paint Maker	17	6	4	4	6
Rotary Derrick Operator, Petroleum	0	0	0	0	5
Rotary Drill Operator	27	30	28	28	38
Rotation Molding Mach Oper	6	5	6	5	5
Rough Rounder	2	1	1	1	2
Roustabout	0	0	0	0	11
Rubber Furniture	16	31	28	22	24
Rubber Goods Cutter/Finisher	22	25	25	20	21
Rubber Mill Tender	44	31	29	19	23
Rug Cleaner, Hand	48	57	57	53	47
Rug Cleaner, Machine	50	6	6	6	36
Ruling Mach Oper	20	23	23	23	21
Sand Cutter, Mixer &/or Slinger	31	24	22	18	19
Sandblaster &/or Shotblaster	167	200	168	122	97
Sandblaster, Stone	2	0	0	0	6
Sander, Wood	351	303	291	207	289
Saw Filer	589	706	637	565	553
Sawyer, Metal	214	212	195	162	150
Sawyer, Stone	1	0	0	0	1
Sawyer, Tail	47	37	33	28	31
Scorer	3	2	2	3	2
Scrap Sorter	1	21	20	18	4
Scraper/Stripper	3	9	9	8	9
Screen Cutter/Maker, Non-Photogr	10	11	11	17	14
Screen Maker, Photographic Process	10	14	14	18	14
Screen or Stencil Printer/Setter	178	170	189	167	203
Second Cutter	13	12	8	7	10
Selector Glass	213	191	204	180	158
Sewer, Custom	47	44	40	35	51
Sewing Mach (Reg) Oper, Garment	1,357	1,156	1,039	1,039	1,070
Sewing Mach (Reg) Oper, Nongarment	699	781	712	689	784
Sewing Mach (Spec) Oper, Garment	144	146	149	166	111
Sewing Mach (Spec) Oper, Nongarment	187	259	250	221	190
Shactor	0	1	1	1	1
Shaker Tender	14	6	6	2	2
Shaper & Planer	6	8	8	8	9
Shaper &/or Router Oper	160	147	142	125	139
Shaper, Hand	5	5	4	3	1
Shear &/or Sifter Oper	318	321	284	248	226
Shellfish Processing Mach Tender	75	92	85	85	70
Shellfish Shucker	84	189	162	173	150
Shipping Packer	2,258	1,727	1,739	1,579	1,051
Side Laster	1	1	1	1	2
Skein Yarn Dryer	6	3	3	3	1
Skin Peeling Mach Oper	6	2	2	2	3
Skinner	52	53	49	50	35
Skiver	2	2	2	2	3
Some Press & Filer Tender	0	8	8	7	6
Sifter/Creaser/Sorter Oper	26	33	34	31	29
Spitting Mach Oper	131	92	91	92	88
Silver Forming & Winding Operator	11	8	7	6	11
Sloter Oper	1	1	1	1	1
Smoker	26	29	31	31	10
Solder Operator	18	7	5	7	8
Sorter Operator, Green Lumber	79	149	130	114	126
Sorter Upholstery Parts	3	2	2	2	2
Spinner, Frame	52	48	41	41	36
Spitting Mach Feeder	4	1	1	1	2
Spitting Mach Tender	0	5	5	4	0
Splicer Oper Auto	5	5	5	5	4
Spotter, Dry Cleaning	43	37	34	31	4
Spotter, Washable Materials	16	21	20	19	1
Spray Mach Oper	1	1	1	1	1
Sprayer, Leather	0	9	8	8	0

APPENDIX

Occupational Title	1979	1980	Employment 1981	1982	1983
Spreader, Cloth	17	26	22	22	23
Spring Mach Oper	8	7	7	5	4
Staker Mach	4	5	5	6	12
Stapler, Mattress/Bedspring	10	12	10	6	7
Stapling Mach Oper	7	9	10	9	9
Stationary Boiler Frier	717	593	561	508	551
Steel Pourer Helper	7	27	25	11	13
Sterilizer Drugs	9	43	45	45	2
Sticker	8	7	7	7	2
Stir Oper, Batch/Continuous	10	8	8	5	6
Stitch Oper, Asphalt	15	1	1	1	1
Stitch Special Mach	2	2	2	2	3
Stitcher Standard Mach	9	5	6	6	7
Stitcher Utility	6	8	10	10	13
Stone Cutter Mach	0	2	2	3	2
Stone Polisher	4	2	2	2	2
Stove Tender, Blast Furnace Keeper	0	12	10	10	9
Stranding Mach Oper	0	10	10	9	7
Stretching Lifter Oper	16	10	9	8	6
Stripping Mach Oper, Insulated Wire	4	1	1	1	1
Stripping Machine Operator	4	4	4	4	0
Stunner	8	13	12	10	8
Super Boiler	11	12	12	13	10
Super Calender Oper	9	17	17	16	15
Surveyor Helper, Rod/Chain/Lightup	920	936	876	768	491
Tacker, Toggle & Paster	5	2	2	2	5
Tanning Drum Oper/Colorer, Hides	12	11	12	14	22
Taper	391	740	557	402	188
Taping Mach Oper	10	16	16	15	15
Tapper, Metal	100	32	31	24	20
Taxi Driver	406	345	394	321	279
Tenoner Oper	114	72	68	60	66
Tenter Frame Oper	0	1	1	1	1
Terminator Treater	19	32	32	32	12
Terminator Treater Helper	5	14	14	14	1
Thread Trimmer	19	27	20	18	26
Tinner, Plants	40	20	20	17	16
Tire Changer	861	799	780	742	620
Tire Fabricator &/or Repair	728	455	437	403	423
Tire Repairer	0	3	3	3	3
Tire Laster	0	1	1	1	2
Tire Operator	30	29	28	25	21
Trailer Rental Attendant	6	16	82	72	99
Transfer Controller	144	124	106	94	104
Treater Petroleum	0	0	0	0	1
Treating Engineer	35	27	27	25	27
Tree Surgeon	31	32	32	28	23
Trimmer	798	711	643	590	624
Trimmer Mach	36	32	32	14	10
Trimmer Plastic	3	6	7	5	6
Truck Driver	25,529	23,556	22,341	20,580	18,512
Turner Oper	33	37	36	36	23
Turner, Sewn Articles	20	14	13	13	13
Turner, Tender	58	28	22	23	18
Ultrasonic Mach Oper	9	4	5	4	3
Vacuum Plastic Forming Machine Oper	12	35	34	31	27
Variety Saw Oper	393	258	252	211	222
Veneer Copper, Automatic	489	381	365	310	348
Veneer Drier	330	289	275	235	264
Veneer Joiner Oper	176	117	113	99	114
Veneer Lathe Oper	321	271	243	217	243
Veneer Repairer, Hand	893	652	628	548	631
Veneer Repairer, Mach	1,214	1,066	1,022	892	1,035
Veneer Sander	242	168	159	139	159
Vulcanizer Rubber Plate	2	9	10	10	11
Warp Typing Mach Tender	7	1	1	1	1
Weather &/or Separator, Food	188	178	171	178	144
Washer Machine &/or Starcher	529	759	769	721	818
Wax Pattern Worker	53	304	275	235	201
Waxing Mach Oper	25	15	12	12	11

APPENDIX

Occupational Title	Employment				
	1979	1980	1981	1982	1983
Weaver	114	98	85	85	74
Weigher, Production (Ex Recordkeep)	35	65	62	56	58
Welder/Flamecutter	6 786	6 045	5 252	4 550	4 200
Wet Mach Tender	13	10	10	8	12
Winder Oper Auto	6	7	6	6	6
Winder Roofing Felt	20	9	7	6	6
Wire Weaver	56	73	63	57	51
Wirer Electronic	24	124	132	124	117
Wood Grinder Operator	38	68	67	63	59
Wood Working Mach Oper	681	384	360	318	351
Wrapping Mach Oper	14	9	7	9	9
Wringer Mach Oper	1	2	2	2	5
Yarn Winder	18	27	24	24	22
SERVICE WORKERS	167 477	162 144	162 007	155 287	153 313
All Other Service Workers	4 894	4 661	4 628	4 457	3 082
Ambulance Driver &/or Attendant	361	284	298	322	240
Baggage Porter	26	13	13	12	44
Bailiff	96	76	75	73	67
Barber	226	323	313	301	144
Bartender	7 116	10 649	10 723	10 572	6 933
Bellhop/Baggage Porter	208	169	160	153	118
Bootblack	4	2	3	2	3
Checkroom &/or Locker-Room Atten	152	191	184	180	294
Child Care Attendant	267	528	525	510	752
Child-Care Worker	2 117	1 909	1 832	1 758	2 175
Cleaner Housekeeping	7 648	7 116	7 148	6 981	7 345
Cook Institutional	3 254	3 533	3 586	3 454	3 391
Cook Restaurant	5 666	4 759	4 696	4 410	5 123
Cook Short Order	6 731	4 800	4 808	4 627	5 529
Correction Officer/Jailer	870	1 103	1 062	1 023	1 103
Cosmetologist &/or Hairstylist	3 672	3 398	3 284	3 133	3 402
Costumer Assistant	16	23	23	21	35
Counter Attendant Cafeteria	3 025	5 578	5 588	4 773	4 466
Crossing or Bridge Tender	45	25	25	24	2
Dental Assistant	2 254	2 371	2 457	2 537	2 418
Desk Clerk Bowling Floor	265	306	285	263	245
Detective	69	137	145	147	140
Dining Room Attendant	5 176	4 293	4 250	3 743	2 903
Elevator Operator	34	22	22	20	29
Escort &/or Chaperon	0	23	27	27	28
Fast Food Prep/Serv Worker	6 135	10 809	10 933	10 534	12 779
Fire Fighter	2 233	1 964	1 982	1 786	1 929
Fire Inspector	147	115	116	102	117
Fire Officer	750	694	703	624	632
Food Service Worker	2 080	859	879	863	1 652
Funeral Attendant	28	24	26	27	66
Guard/Doorkeeper	4 497	5 375	5 209	4 854	4 731
Guide Travel	1	3	3	3	15
Guide Sightseeing	101	98	113	110	82
Host/Hostess	1 578	1 539	1 518	1 445	1 385
Housecleaner	324	603	586	579	603
Housekeeper	620	515	511	444	484
Instructor Reducing	101	267	331	331	429
Janitor/Porter/Cleaner	24 201	21 436	21 132	20 120	18 984
Kitchen Helper	13 370	11 041	11 080	10 675	11 867
Licensed Practical Nurse	3 746	3 731	3 894	3 879	3 902
Lifeguard	217	408	401	387	743
Manicurist	36	41	41	43	35
Masseur or Masseuse	64	145	169	168	74
Medical Assistant	1 153	1 453	1 526	1 536	1 332
Medical Lab Assistant	995	638	651	656	615
Mortuary Beautician	20	12	13	13	15
Nurse Aide/Orderly	12 744	11 401	11 613	11 746	11 451
Occupational Therapy Aide	18	22	23	26	31
Orthopedic Cast Specialist	2	36	36	37	20
Pantry Work & Sandwich/Coffee Maker	1 163	1 148	1 142	1 083	1 071
Parking Enforcement Officer	123	104	103	99	105
Pharmacy Helper	11	258	272	270	354
Physicians Assistant	107	275	284	294	266

APPENDIX

Occupational Title	1979	1980	Employment 1981	1982	1983
Pinchaser	132	130	118	108	89
Police & Detective Supervisor	1,049	935	923	871	1,021
Police Detective	688	477	458	442	437
Police Patrol Officer	2,793	2,800	2,765	2,582	2,445
Psychiatric Aide	1,215	1,870	1,966	1,967	1,209
Railroad Police	4	4	4	4	3
Recreation Facilities Attendant	625	729	730	733	842
Ride Operator	166	236	246	248	377
School Crossing Guard	10	11	11	11	17
School Monitor	338	360	374	356	227
Security Checker	0	0	0	0	75
Shampooer	8	2	2	2	33
Sheriff	922	914	910	868	737
Store Detective	180	203	192	179	270
U.S. Marshall	19	17	15	15	13
Usher/Lobby Attend/Ticket Taker	499	276	274	274	679
Veterinary Assistant	219	226	236	240	253
Waiter or Waitress	27,803	21,502	21,193	19,991	18,721
Wig Dresser	6	0	0	0	4
Window Washer	0	146	140	139	73
LABORERS	76,892	66,822	63,059	56,897	58,521
Air Hammer Operator	63	36	29	19	52
Airplane Pilot Helper	19	21	26	26	26
All Other Laborers & Unskilled	29,123	24,464	22,594	20,094	20,181
Asbestos & Insul Work Help	93	37	21	27	22
Asphalt Raker	35	140	118	96	143
Baggage Checker	0	65	59	53	67
Bagger	2,397	2,612	2,871	2,805	2,303
Bricklayer Helper	750	226	170	117	91
Brush Cutter	60	52	55	54	72
Carpenter Helper	1,306	979	801	597	382
Cement Mason Help	314	223	176	127	46
Chain Offbearer	5,656	5,532	5,024	4,379	4,850
Chaser	639	742	689	625	764
Choke Setter	1,877	1,662	1,507	1,368	1,656
Cleaner, Vehicle	1,714	1,674	1,599	1,475	1,107
Decker Operator	32	21	21	20	19
Deckhand, Fishing Vessel	429	471	494	462	475
Dredge Pipe Installer	5	31	20	10	10
Dredge-Dipper Tender	0	14	10	6	7
Electrician Help	89	30	27	21	6
Equipment Cleaner, Hand	463	644	629	623	649
Faller &/or Bucker	3,036	2,240	2,073	1,888	2,251
Fence Erector	133	180	169	137	104
Fish Marker	0	0	0	0	154
Furnace Oper/Heater Helper	121	170	160	127	119
Gardener/Groundskeeper	4,275	3,978	3,909	3,685	3,608
Ground Helper	113	124	127	124	101
Head Loader	44	87	84	72	96
Helper, Trades	2,328	2,411	2,288	2,052	2,005
Highway Maintenance Worker	2,528	1,988	1,973	1,797	1,371
Hook & Chainer	229	287	254	232	165
Kiln Transfer Oper	44	40	34	30	34
Loader, Tank/Cars/Trucks	843	677	626	548	593
Loader, Tank/Trucks	30	37	32	19	21
Locker-Plant Attendant	6	15	21	24	30
Log Roller	160	8	7	6	13
Lumber Straightener	406	454	416	362	453
Mold Cleaner, Tire	2	3	3	1	1
Offbearer Millwork	2,445	1,116	1,071	930	1,068
Order Filler	4,556	4,139	4,177	3,828	3,397
Painter Help	43	68	50	37	36
Pipe Layer	727	581	535	471	379
Plasterer Helper	150	58	42	34	34
Plumber/Pipelitter Helper	268	160	141	118	86
Polisher Mold	13	10	11	11	10

APPENDIX

Occupational Title	1979	1980	Employment 1981	1982	1983
Pond Worker	640	461	412	362	384
Property Handler	0	54	53	57	89
Refuse Collector	669	75	73	71	681
Reinforcing Iron Worker	348	189	148	120	138
Rigging Slinger	395	464	418	372	456
Roofer Help	134	159	122	108	126
Sampler/Test Preparer	7	18	17	14	14
Second Loader	117	76	64	59	62
Section Leader & Machine Setter	8	8	7	7	6
Septic Tank Serv. Sewer Pipe Cleaner	31	32	29	28	82
Setter/Drawer	22	30	28	25	21
Shake-Out Worker	111	116	110	91	83
Signaller	0	0	0	0	12
Stacker Oper. Kiln	266	249	214	189	209
Stock Clerk, Sales Floor	3,164	3,412	3,470	3,311	4,374
Stripper Rubber	0	5	5	1	6
Tile Setter Helper	93	17	9	7	22
Track Layer	0	4	3	3	3
Tree Planter	1,480	1,393	1,261	1,193	1,464
Tree Trimmer	84	108	101	85	98
Truck Driver Helper	579	565	545	527	296
Veneer Drier Feeder	1,110	817	779	679	781
Work Distributor	70	63	48	51	52
FARM WORKERS	8,900	10,272	10,226	10,089	13,583
All Other Farm Workers	1,176	1,239	1,240	1,309	1,803
Animal Caretaker	583	920	927	918	793
Dairy Worker	603	635	636	671	923
Farm Equipment Operator	1,755	1,899	1,899	1,992	2,695
Field Crop Worker	497	659	684	787	946
Fruit & Nut Crop Worker	764	686	687	725	1,066
Irrigation Worker	638	672	673	710	976
Livestock Handler	1,029	1,093	1,093	1,151	1,542
Nursery or Greenhouse Worker	1,209	1,782	1,712	1,697	1,860
Poultry Worker	257	270	270	285	387
Pruner, Trees/Vines/Canes	176	186	185	187	244
Vegetable Crop Worker	213	231	220	257	348
TOTAL WAGE & SALARY EMPLOYMENT	1,071,256	1,059,917	1,034,059	977,134	986,697



APPENDIX



OREGON OCCUPATIONAL EMPLOYMENT & UNEMPLOYMENT INDICATORS

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
PROFESSIONAL & TECHNICAL	161,613	170,568	176,561	185,538	8,008	9,402	5.40	1.78	1.21
Accountant/Auditor	6,272	6,718	7,015	7,461	404	540	7.75	2.21	1.40
*Actor or Actress	96	93	92	89	2	10	9.52	.00	5.00
Actuary	38	41	42	45	2	2	4.87	2.43	1.00
Agricultural Engineer	21	22	23	24	1	9	30.00	.00	9.00
Agricultural Scientist	272	279	283	290	10	28	9.27	.35	2.54
Air Traffic Controller	146	147	148	150	2	6	3.94	.00	3.00
Airplane Pilot	233	278	308	353	18	59	19.21	5.39	3.27
All Other Engineering Techs	1,361	1,417	1,455	1,511	44	47	3.29	1.34	1.11
All Other Engineers	299	320	335	356	14	30	8.92	2.18	2.14
All Other Life Scientists	40	41	42	44	0	9	18.36	.00	9.00
All Other Math Scientists	11	11	12	12	0	0	.00	.00	.00
All Other Medical & Dental Techs	590	610	623	643	20	25	4.01	1.14	1.31
All Other Physical Scientists	56	57	58	60	0	14	20.00	.00	14.00
All Other Professional	6,539	6,856	7,068	7,385	223	798	10.72	1.54	3.69
All Other Life Scientists	147	151	154	158	4	53	26.36	.66	13.25
All Other Social Scientists	109	112	113	116	2	64	36.78	.89	32.00
All Other Teachers	758	788	807	837	53	34	4.23	1.26	.66
All Other Technicians	1,050	1,092	1,120	1,162	43	93	8.03	1.28	2.26
All Other Therapists	145	150	154	159	5	4	2.64	1.33	1.00
Announcer	686	726	753	793	20	92	11.63	1.79	4.84
Architect	343	390	421	468	27	53	12.86	4.10	2.03
*Architect, Landscape	123	132	137	146	7	20	13.69	2.27	2.85
*Archivist	23	24	25	27	2	2	8.00	.00	1.00
Artificial App Maker	25	27	29	31	2	2	7.14	3.70	1.00
*Athlete	60	59	59	58	1	1	1.63	.00	1.00
*Athletic Trainer	19	19	18	18	0	1	5.00	.00	1.00
Audio Visual Specialist	107	111	113	117	6	7	6.08	.90	1.16
Audiometrist	22	25	26	29	2	3	11.53	4.00	1.50
Biochemistry Technologist	47	51	53	57	2	3	5.88	1.96	1.50
Biological Science Tech	3,317	3,369	3,404	3,456	76	45	1.33	.50	.60
Biological Scientist	977	999	1,013	1,035	22	78	7.34	.70	3.71
Blood Bank Technology Specialist	78	81	82	85	3	13	14.13	1.23	4.33
Broadcast News Analyst	123	130	135	142	3	15	10.71	1.53	5.00
Broadcast Tech	297	319	334	356	10	9	2.87	2.19	.90
Budget Analyst	148	151	152	155	7	0	.00	.66	.00
Case Worker	3,106	3,311	3,447	3,652	171	334	9.52	2.05	2.02
Ceramic Engineer	4	4	3	3	0	0	.00	.00	.00
Chemical Engineer	200	211	218	229	10	18	8.10	.00	2.00
Chemist	437	451	461	475	12	48	9.79	1.10	4.00
*Chiropractor	113	134	148	169	15	1	.82	5.22	.07
Choir Leader/Choral Director	443	494	529	580	25	1	.21	3.44	.04
Civil Engineer	2,223	2,363	2,456	2,596	115	126	5.25	1.98	1.14
Civil Engineering Technician	737	771	794	828	19	10	1.31	1.42	.52
Claims Taker, Unemployment Benefit	313	300	292	279	9	28	8.30	1.00	3.11
Clergy	2,886	3,215	3,434	3,763	260	10	.33	3.42	.04
*Commercial Artist	746	786	813	854	26	177	18.91	1.65	6.80
Community Organization Worker	451	499	532	580	32	79	14.46	3.20	2.63
Corrective Therapist	15	17	18	20	1	0	.00	5.88	.00
County Agriculture Extension Agent	151	151	152	152	4	13	7.92	.00	3.25
Curator, Museum	45	51	54	60	6	6	11.32	3.92	1.20
*Curriculum Specialist	96	102	106	112	8	7	6.66	1.96	1.00
Cyrotechnologist	65	72	76	83	4	0	.00	2.77	.00
*Dance Instructor	88	91	93	96	6	6	6.31	1.09	1.00
Dancer	30	28	27	26	1	3	9.37	.00	3.00
Dental Hygienist	1,220	1,380	1,487	1,648	110	30	2.30	3.84	.29
Dentist	736	830	893	988	42	5	.64	3.73	.12
*Designer	1,046	1,157	1,230	1,341	70	149	12.09	3.19	2.22
Dietetic Technician	101	106	110	115	4	6	5.50	1.88	1.50
Dietitian/Nutritionist	391	417	435	461	25	18	4.30	2.15	.75
Director, Camp	5	6	6	7	0	1	16.66	.00	1.00
Director, Religious Activity/Rec	465	519	555	609	51	2	.41	3.46	.04
Drafter	2,524	2,807	2,996	3,279	135	538	17.04	3.34	4.10
Economist	241	249	255	263	6	10	3.93	1.20	1.66
Electrical/Electronic Engineer	3,831	4,335	4,672	5,176	254	125	3.03	3.87	.51
Electrical/Electronic Tech	4,364	4,890	5,241	5,768	225	288	5.96	3.57	1.30

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Electrocardiograph Technician	154	157	158	161	4	7	4.32	63	1.75
Electroencephalograph Technician	76	77	78	80	2	4	5.00	00	2.00
Eligibility Worker, Welfare	704	729	746	771	33	14	1.92	1.09	4.3
Embalmers	170	152	140	122	5	3	1.79	3.28	60
Emergency Medical Technician	462	519	558	615	40	64	11.74	3.66	1.72
*Employment Interviewer	668	700	721	753	29	132	16.27	1.57	4.71
Estimator & Drafter, Utilities	116	123	128	136	4	3	2.47	1.62	.75
Extension Service Specialist	87	87	88	88	2	2	2.24	00	1.00
Film Editor	23	24	25	27	1	1	4.16	00	1.00
Financial Analyst	115	123	128	136	3	25	17.48	1.62	8.33
Flight Engineer	1	1	1	1	0	0	00	00	00
Forest Conservation Worker	1,609	1,686	1,738	1,815	69	865	34.60	1.54	13.10
Forester & Conservation Scientist	1,821	1,869	1,901	1,949	55	93	4.81	.90	1.75
*Geologist/Geophysicist	223	229	233	239	5	47	17.27	.87	11.75
Graduate Assistant	2,288	2,291	2,294	2,297	58	10	4.3	.04	1.7
Group Recreation Worker	1,098	1,186	1,244	1,332	57	101	8.22	2.44	1.83
Histologic Technologist	67	70	73	76	3	0	00	1.42	00
Home Economist	7	7	7	7	0	10	58.82	00	10.00
Horse Trainer	3	3	4	4	0	15	83.33	00	15.00
Industrial Engineer	797	897	964	1,064	49	101	10.84	3.67	2.14
Industrial Engineering Technician	192	219	236	263	13	30	12.98	4.10	2.30
Instructor, Automobile Driving	18	19	19	20	1	2	10.00	00	2.00
Instructor, Textile & Apparel	20	20	21	21	1	1	4.76	00	1.00
Judge	327	329	330	332	20	0	00	.30	00
*Lab Technician, Veterinary	150	172	187	209	11	7	4.26	4.06	.70
Law Clerk	615	644	664	693	35	34	5.15	1.55	1.03
Lawyer	2,507	2,625	2,704	2,822	139	53	2.03	1.48	.40
Librarian	1,538	1,585	1,617	1,664	89	31	1.95	1.00	.35
Light Technician	19	20	21	23	0	3	13.63	00	3.00
Livestock Breeder	12	13	14	15	0	1	7.69	00	1.00
Magistrate	39	38	38	37	2	0	00	00	00
Manual Arts/Music/Rec Therapist	268	296	315	343	14	15	5.13	3.04	1.07
Marine Engineer	16	18	20	22	1	8	32.00	5.55	8.00
Market Research Analyst	101	112	120	131	5	18	14.63	3.57	3.60
Math Technician	5	5	5	5	0	1	16.66	00	1.00
Mathematician	21	21	22	22	0	2	8.69	00	2.00
Mechanical Engineer	1,617	1,802	1,926	2,111	101	125	6.92	3.44	1.28
Mechanical Engineering Tech	346	389	418	461	28	59	14.08	3.59	2.26
Media Analyst	35	35	36	36	0	0	00	00	00
Medical Lab Technologist	1,441	1,513	1,562	1,634	64	42	2.78	1.58	.67
Medical Record Technician	268	275	279	286	12	22	7.53	.72	1.83
Medical Scientist	31	32	32	33	0	1	3.12	00	1.00
Metallurgist/Metallurgical Engineer	76	81	84	89	3	5	6.02	2.46	1.66
Meteorologist	41	42	42	43	1	2	4.65	00	2.00
Microbiology Technologist	51	54	56	59	2	1	1.88	1.85	.50
Mining Engineer	23	22	21	20	1	3	11.53	00	3.00
Model Maker	12	14	16	18	1	1	7.14	7.14	1.00
Motion Picture Narrator	3	3	3	3	0	1	25.00	00	1.00
Museum Tech/Restorer	10	12	13	15	1	16	59.25	8.33	16.00
Music Director	12	10	9	8	0	2	15.38	00	2.00
*Musician, Instrumental	1,186	1,220	1,243	1,278	42	30	2.44	.90	.73
Nuclear Engineer	40	42	43	45	2	3	6.81	2.38	1.50
Nurse Professional	15,386	15,908	16,256	16,778	814	212	1.34	1.09	.26
Observer, Elect/Grav Prospecting	2	2	2	2	0	1	33.33	00	1.00
Occupational Therapist	231	241	248	258	8	2	.84	1.24	.25
Oceanographer	7	7	7	7	0	0	00	00	00
Optometrist	167	196	216	245	20	0	00	5.10	00
Orthopedist	1	1	1	1	0	1	50.00	00	1.00
Paralegal Personnel	454	478	495	519	26	12	2.53	1.67	.48
Personnel & Labor Relations Spec	1,970	2,060	2,120	2,210	83	163	7.53	1.45	2.03
Petroleum Engineer	3	3	4	4	0	1	25.00	00	1.00
Pharmacist	1,536	1,586	1,619	1,669	96	18	1.14	1.07	.19
Photo Retoucher, Airbrush Artist	34	37	39	42	2	1	2.77	2.70	.50
*Photographer	105	107	109	111	4	20	15.87	.93	5.00
Photographer, News	77	79	81	83	3	6	7.14	1.26	2.00
*Photographer, Portrait/Commercial	349	382	404	437	22	42	10.44	2.87	2.00
Photographer, Scientific/Aerial	2	2	2	2	0	4	66.66	00	4.00
Physical Science Tech	276	284	289	297	8	90	24.39	1.05	11.25
Physical Therapist	669	720	755	806	33	8	1.15	2.36	.25
Physical Therapy Assistant	301	335	358	392	18	15	4.58	3.28	.88

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Physician &/or Surgeon	3,456	3,757	3,957	4,258	149	9	25	2.66	06
Physicist	36	40	42	46	1	5	11.90	2.50	5.00
Podiatrist	2	2	3	3	0	0	0.00	0.00	0.00
Professor	0	0	0	0	0	99	100.00	0.00	99.00
Programmer	1,819	1,819	1,819	1,819	61	165	8.31	2.52	2.70
Prosthetist/Orthotist	9	10	10	11	0	0	0.00	0.00	0.00
Psychologist	462	489	508	535	15	26	5.23	1.84	1.73
Public Relations Practitioner	680	728	761	809	40	137	16.44	2.19	3.60
Radiation Monitor	1	1	1	1	0	3	75.00	0.00	3.00
Radio Operator	23	23	23	23	1	25	52.08	0.00	25.00
Radiographer	38	43	46	51	3	26	39.39	4.65	8.66
Radiologic &/or Nuclear Med Tech	509	513	516	520	15	3	5.8	1.9	2.0
Reporter/Correspondent	725	755	774	804	44	31	4.04	1.32	7.2
Respiratory Therapist	474	481	485	492	13	26	5.17	4.1	2.00
Safety Engineer	72	75	78	81	2	20	21.50	1.33	10.00
Singer	2	2	1	1	0	6	75.00	0.00	6.00
Social Service Aide	1,035	1,174	1,266	1,405	98	32	2.87	3.91	3.4
Sociologist	18	19	20	21	4	9	33.33	0.00	2.25
Sound Recording Tech	14	13	13	12	0	7	33.33	0.00	7.00
Specifications Writer	10	11	12	13	0	2	16.66	0.00	2.00
Spectroscopist	17	18	18	19	0	0	0.00	0.00	0.00
Speech & Hearing Clinician	221	231	237	247	8	7	3.03	1.29	8.7
*Sports Instructor	477	555	606	684	39	18	3.45	4.68	4.8
Statistician	180	194	203	217	13	5	2.63	2.57	4.1
Surgical Technician	372	373	373	374	8	12	3.12	0.00	1.50
Surveyor	751	799	830	878	25	194	20.18	2.00	8.08
Systems Analyst, EDP	1,752	1,893	1,988	2,129	61	85	4.51	2.48	1.41
Tax Examiner	481	486	489	494	20	0	0.00	4.1	0.00
*Tax Preparer	346	378	399	431	25	10	2.72	2.91	4.1
Teacher, Adult Education	1,607	1,691	1,746	1,830	91	43	2.56	1.65	4.8
Teacher, Col Accounting	186	188	189	191	6	0	0.00	5.3	0.00
Teacher, Col Ag & Natural Resour	121	122	122	123	3	0	0.00	0.00	0.00
Teacher, Col Anthropology	64	64	65	65	2	0	0.00	0.00	0.00
Teacher, Col Arch Ex Landscape	71	71	71	71	2	0	0.00	0.00	0.00
Teacher, Col Area Studies	16	16	16	16	0	0	0.00	0.00	0.00
Teacher, Col Banking & Finance	55	55	55	55	1	0	0.00	0.00	0.00
Teacher, Col Biological Sciences	510	510	511	511	13	0	0.00	0.00	0.00
Teacher, Col Business & Ind Mgt	342	343	344	346	9	0	0.00	0.00	0.00
Teacher, Col Chemistry	222	222	223	223	6	0	0.00	0.00	0.00
Teacher, Col Civil, Const Engr	62	62	63	63	2	0	0.00	0.00	0.00
Teacher, Col Comm & Broadcasting	134	134	134	134	3	0	0.00	0.00	0.00
Teacher, Col Computer & Info Sci	223	226	229	229	7	0	0.00	4.4	0.00
Teacher, Col Counsel & Guidance	39	39	39	39	1	0	0.00	0.00	0.00
Teacher, Col Curriculum & Instr	16	16	16	16	0	0	0.00	0.00	0.00
Teacher, Col Deaf Education	26	26	27	27	1	0	0.00	0.00	0.00
Teacher, Col Economics	126	126	125	125	3	0	0.00	0.00	0.00
Teacher, Col Elect & Comm Enginee	64	64	65	65	2	0	0.00	0.00	0.00
Teacher, Col Elem Education	68	68	67	67	2	0	0.00	0.00	0.00
Teacher, Col Fire Control Technol	29	29	30	30	1	0	0.00	0.00	0.00
Teacher, Col Fish, Game, Wildl Mgt	30	30	30	30	1	0	0.00	0.00	0.00
Teacher, Col Foreign Languages	345	346	347	349	9	0	0.00	0.00	0.00
Teacher, Col Forestry	122	123	123	124	3	0	0.00	0.00	0.00
Teacher, Col Gen Engineering	55	55	56	56	1	0	0.00	0.00	0.00
Teacher, Col General Education	122	122	121	121	3	0	0.00	0.00	0.00
Teacher, Col Geography	63	63	63	63	2	0	0.00	0.00	0.00
Teacher, Col Graphics & Fine Arts	1,206	1,214	1,219	1,227	33	0	0.00	2.4	0.00
Teacher, Col Health Professions	994	996	998	1,000	26	0	0.00	1.0	0.00
Teacher, Col History	189	189	189	189	5	0	0.00	0.00	0.00
Teacher, Col Home Economics	279	282	284	287	8	0	0.00	3.5	0.00
Teacher, Col Landscape Architect	26	26	27	27	1	0	0.00	0.00	0.00
Teacher, Col Law	119	118	118	117	3	0	0.00	0.00	0.00
Teacher, Col Law Enforce & Corr	61	62	62	63	2	0	0.00	0.00	0.00
Teacher, Col Letters	915	918	920	923	24	0	0.00	1.0	0.00
Teacher, Col Library Sciences	38	38	38	38	1	0	0.00	0.00	0.00
Teacher, Col Mathematics	406	408	410	412	11	0	0.00	2.4	0.00
Teacher, Col Mech & Sk Crafts	560	570	576	586	17	0	0.00	5.2	0.00
Teacher, Col Mechanical Engineer	38	38	39	39	1	0	0.00	0.00	0.00
Teacher, Col Microbiology	65	65	65	65	2	0	0.00	0.00	0.00
Teacher, Col Nursing	325	328	329	332	9	3	9.1	3.0	3.3
Teacher, Col Other Ed Specialties	169	169	170	170	4	0	0.00	0.00	0.00



APPENDIX



Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Teacher, Col P E & Coaches	728	733	737	742	20	0	00	27	00
Teacher, Col Parks & Rec Mgt	11	11	11	11	0	0	00	00	00
Teacher, Col Pers Mgt Labor Rel	35	35	34	34	1	0	00	00	00
Teacher, Col Pharmacy	44	44	44	44	1	0	00	00	00
Teacher, Col Physical Science	437	437	438	438	11	0	00	00	00
Teacher, Col Pol Science & Gov	98	98	98	98	2	0	00	00	00
Teacher, Col Printing & Lithography	7	7	7	7	0	0	00	00	00
Teacher, Col Psychology	295	295	296	296	7	0	00	00	00
Teacher, Col Public Adm & Mgt	8	8	8	8	0	0	00	00	00
Teacher, Col Public Affairs	100	100	101	101	2	0	00	00	00
Teacher, Col Real Estate & Insur	56	57	58	59	1	0	00	00	00
Teacher, Col Secondary Education	39	39	38	38	1	0	00	00	00
Teacher, Col Secty Office Mach	219	224	227	232	8	0	00	89	00
Teacher, Col Social Science, Gen	105	105	105	105	3	0	00	00	00
Teacher, Col Sociology	127	127	126	126	3	0	00	00	00
Teacher, Col Special Ed Ex Deaf	129	130	131	132	3	0	00	00	00
Teacher, Col Theology	120	121	121	122	3	0	00	00	00
Teacher, Col Transport & Util	58	60	61	63	2	0	00	1 66	00
Teacher, Col Zoology	32	32	32	32	1	0	00	00	00
Teacher, Elem Sch Arts & Crafts	161	168	173	180	9	0	00	1 19	00
Teacher, Elem Sch Home Economics	93	97	100	104	5	0	00	1 03	00
Teacher, Elem Sch Music	671	700	720	749	39	0	00	1 42	00
Teacher, Elem Sch Physical Educati	656	684	702	730	37	0	00	1 31	00
Teacher, Elem Sch Special Exceptio	1 713	1 785	1 834	1 906	98	0	00	1 34	00
Teacher, Elem Sch Vocational	226	255	275	304	21	0	00	3 92	00
Teacher, Elementary Academic	11 057	11 533	11 851	12 327	637	286	2 48	1 37	46
Teacher, Preschool	2 147	2 408	2 582	2 843	159	157	6 56	3 61	96
Teacher, Secondary School	25	26	27	28	1	264	91 34	00	264 00
Teacher, Secondary Arts & Crafts	358	373	384	399	14	0	00	1 34	00
Teacher, Secondary Commercial & Bus	569	593	610	634	23	0	00	1 34	00
Teacher, Secondary-English	1 621	1 691	1 738	1 808	65	0	00	1 36	00
Teacher, Secondary-Foreign Languag	323	337	346	360	13	0	00	1 48	00
Teacher, Secondary-Health Educ	277	289	297	309	11	0	00	1 38	00
Teacher, Secondary-Home Economics	393	410	421	438	16	0	00	1 46	00
Teacher, Secondary-Industrial Arts	568	593	609	634	23	10	1 70	1 34	45
Teacher, Secondary-Mathematics	1 058	1 104	1 135	1 181	42	0	00	1 35	00
Teacher, Secondary-Music	479	500	513	534	19	0	00	1 40	00
Teacher, Secondary-Performing Arts	90	94	97	101	3	0	00	1 06	00
Teacher, Secondary-Physical Educ	855	892	916	953	34	37	4 09	1 34	1 12
Teacher, Secondary-Reading	26	27	28	29	1	0	00	00	00
Teacher, Secondary-Science	918	957	984	1 023	37	0	00	1 35	00
Teacher, Secondary-Social Studies	1 320	1 377	1 415	1 472	53	0	00	1 37	00
Teacher, Secondary-Special, Excepti	1 478	1 536	1 575	1 634	57	52	3 35	1 23	92
Teacher, Secondary-Vocational	405	423	434	452	16	0	00	1 41	00
Teacher, Substitute	6 161	6 427	6 604	6 870	356	0	00	1 38	00
Teacher, Vocational Education	433	478	508	553	41	71	13 68	3 13	1 82
Technical Director	36	38	39	41	1	3	7 50	2 63	3 00
Television Camera Operator	77	81	84	89	2	9	10 34	1 23	4 50
Tester	1 108	1 188	1 241	1 321	36	109	8 76	2 27	3 02
Timber Cruiser	130	129	128	127	3	15	10 34	00	5 00
Tool Programmer, Numer Control	47	56	63	72	3	39	43 82	5 35	13 00
Traffic Engineer	43	45	46	48	2	3	6 38	2 22	1 50
Traffic Technician	25	26	27	29	1	1	3 84	00	1 00
*Umpire	130	133	134	137	4	1	7 5	7 5	2 5
Urban & Regional Planner	418	438	452	472	12	26	5 76	1 59	2 36
Veterinarian	282	316	338	372	16	10	3 30	3 48	6 2
Video Recording Engineer	14	15	16	17	0	6	30 00	00	6 00
Vocational & Educational Counselr	1 762	1 877	1 954	2 070	98	344	16 04	2 02	3 62
Welfare Investigator	19	20	20	21	1	4	32 14	00	9 00
Writer &/or Editor	1 136	1 210	1 260	1 334	80	98	7 78	2 06	1 28
X-Ray Technician	816	879	920	983	46	24	2 78	2 38	54
MANAGERS & OFFICERS	90,938	97,228	101,424	107,716	6,083	5,262	5.35	2.16	91
All Other Managers & Officers	59 993	64 101	66 839	70 947	4 037	3 485	5 37	2 13	90
Assessor	382	374	369	362	14	23	5 72	5 3	1 64
Buyer, Wholesale/Retail Trade	2 348	2 543	2 674	2 869	164	59	2 38	2 55	3 7
Captain, Water Vessel	198	185	176	163	5	13	6 28	1 62	2 60
Chief Exec, Gen Admin & Legis	526	536	543	553	25	3	5 6	5 5	1 2

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Construction Inspector	342	347	351	356	21	41	10.64	57	1.95
Contract Administrator	49	53	56	61	3	12	19.35	1.88	6.00
Director, Food & Beverage	287	305	316	334	19	0	00	1.96	00
Fish & Game Warden	12	12	12	12	1	4	25.00	00	4.00
*Manager, Auto Service Dept	444	471	489	516	29	34	6.98	1.91	1.25
Manager, Merchandise	1,532	1,659	1,743	1,870	90	40	2.47	2.53	46
*Manager, Parts Dept	289	306	317	334	19	54	15.47	1.96	3.00
*Manager, Restaurant	4,124	4,377	4,546	4,799	266	602	12.51	1.91	2.37
*Manager, Store	10,548	11,424	12,008	12,884	768	535	4.70	2.55	73
Pilot, Ship	14	13	13	12	1	0	00	00	00
Postmaster/Mail Superintendent	591	606	616	631	35	0	00	82	00
Public Admin Inspector, Exc Const	1,525	1,555	1,576	1,606	67	31	1.97	64	48
Purchasing Agent &/or Buyer	1,826	1,965	2,057	2,196	103	259	12.15	2.34	2.64
Right of Way Agent	87	90	92	95	3	1	1.12	1.11	50
Sales Clerk Supervisor	800	845	875	920	40	1	1.2	1.77	02
Town Clerk	171	168	165	162	7	0	00	00	00
*Train Conductor	371	371	372	372	16	1	26	00	06
*Travel Agent/Accommodation Appra	773	917	1,014	1,158	83	50	5.74	5.23	63
Wholesaler	3,706	4,005	4,205	4,504	267	14	36	2.49	05
SALES WORKERS	77,215	82,746	86,435	91,970	5,192	6,592	7.69	2.27	1.32
*All Other Sales Representatives	720	835	911	1,026	70	154	16.88	4.55	2.33
*All Other Sales Workers	381	408	427	454	25	140	26.41	2.20	5.83
Broker & Market Oper, Commodities	77	93	104	120	9	0	00	5.37	00
Broker/Flr Rep Sec Trader	28	31	32	35	2	6	17.14	3.22	3.00
*Business Broker	72	72	71	71	6	0	00	00	00
*Contribution Solicitor	232	268	292	328	27	7	2.78	4.47	28
*Crating & Moving Estimator	57	59	61	63	3	0	00	1.69	00
*Demonstrator	86	92	96	102	5	20	18.51	2.17	4.00
Hospital Insurance Rep	5	6	6	7	0	0	00	00	00
*Media Buyer	77	77	78	78	3	0	00	00	00
Placer	46	47	48	50	2	0	00	00	00
Real Estate Broker	825	817	812	805	63	0	00	24	00
Safety Inspector	166	182	193	209	11	6	3.38	2.74	54
Sales Agent, Financial Service	245	274	293	322	23	6	2.29	3.64	28
Sales Agent, Insurance	4,414	4,661	4,826	5,074	260	99	2.15	1.75	40
*Sales Agent, Real Estate	9,059	9,002	8,964	8,907	450	77	84	19	17
Sales Agent, Securities	857	968	1,043	1,154	82	8	88	3.82	10
*Sales Clerk	17,881	19,419	20,444	21,982	1,258	4,062	18.08	2.64	3.37
*Sales Representative	41,155	44,533	46,784	50,162	2,835	1,978	4.46	2.52	73
Special Agent, Insurance	172	186	196	210	12	2	1.11	2.68	18
Underwriter	643	698	735	790	45	24	3.50	2.57	57
Vendor	17	18	19	21	1	3	15.00	00	3.00
CLERICAL WORKERS	200,762	212,057	219,578	230,887	11,748	23,638	10.36	2.07	2.07
Accounting Clerk	10,375	11,031	11,469	12,125	649	728	6.42	1.98	1.16
Actuarial Clerk	18	19	20	21	1	0	00	00	00
*Addressing Machine Operator	44	48	51	56	2	1	2.17	2.08	50
Adjustment Clerk	632	672	698	738	39	9	1.37	1.93	24
Admissions Evaluator	94	94	94	94	4	14	12.96	00	4.66
Airplane Dispatch Clerk	4	6	7	9	1	3	37.50	16.66	3.00
All Other Office Clerical Workers	6,909	7,211	7,412	7,714	347	252	3.47	1.40	75
All Other Office Machine Operators	687	712	729	755	30	14	1.97	1.12	48
All Other Plant Clerical Workers	501	527	545	571	27	218	29.94	1.70	8.38
*Appraiser	59	63	65	69	4	8	11.76	1.58	2.00
Appraiser, Real Estate	473	480	484	491	23	17	3.45	41	77
Attendance Clerk	183	191	196	204	10	0	00	1.57	00
*Bookkeeper	12,820	12,820	12,820	12,820	898	2,252	14.94	3.18	2.50
Bookkeeping & Billing Mach Oper	1,243	1,350	1,422	1,529	80	71	5.25	2.66	92
Box Estimator	6	6	6	6	0	1	14.28	00	1.00
Brokerage Clerk	55	62	66	73	4	2	3.38	3.22	50
Calculating Machine Operator	4	4	4	4	0	2	33.33	00	2.00
Call-Out Operator	7	8	8	9	0	2	22.22	00	2.00
Cancellation Clerk	17	18	19	20	1	1	5.55	00	1.00
*Car Rental Clerk	113	123	130	141	9	12	9.37	2.43	1.50
*Cashier	16,287	17,321	18,010	19,044	903	4,044	19.55	1.99	4.63
Central Office Operator	1,111	1,229	1,307	1,425	86	54	4.48	3.17	65
Checker, Fitting Room	47	50	51	54	5	4	7.69	2.00	80
Checking Clerk	69	71	73	75	4	1	1.40	1.40	25
Chief Credit Analyst	58	62	64	68	3	1	1.66	1.61	33

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Circulation Clerk	142	139	138	135	6	38	21.22	.00	6.33
Claim Adjuster	848	917	962	1,031	44	50	5.42	2.50	1.16
Claim Examiner, Lf/Acd/Hlth	1,083	1,187	1,257	1,361	81	12	1.06	2.94	.15
Claim Examiner, Prop/Casualty	113	122	129	138	8	9	7.20	2.45	1.28
Claims Clerk	583	621	646	684	37	17	2.77	2.09	.48
Classified-Ad Clerk	56	56	55	55	3	1	1.75	.00	.50
Clerical Supervisor	4,637	4,922	5,112	5,397	269	156	3.19	1.93	.60
Coin Mach Oper./Currency Sorter	20	20	21	21	1	0	.00	.00	.00
Collector	1,662	1,788	1,871	1,997	94	68	3.83	2.34	.74
Computer Operator	1,896	2,035	2,128	2,268	79	357	15.52	2.26	4.63
Control Clerk, Data Processing	85	95	102	112	6	0	.00	3.15	.00
Copy Cutter	4	4	4	4	0	1	20.00	.00	1.00
Correspondence Clerk	90	105	109	115	6	11	9.82	1.90	2.20
*Cost Estimator	970	1,166	1,296	1,492	110	83	7.42	5.57	.79
Counter	235	230	227	223	7	4	1.68	.43	.57
*Counter Clerk	334	344	351	362	15	15	4.26	.87	1.07
Counter Clerk, Telegraph	8	8	8	8	0	2	20.00	.00	2.00
Court Clerk	250	246	243	239	8	8	3.11	.00	1.00
Credit Analyst	222	245	261	284	18	3	1.28	3.26	.17
Credit Authorizer	92	98	101	107	5	4	4.08	2.04	.80
Credit Clerk	598	630	652	684	32	87	12.50	1.74	2.80
Credit Reference Clerk	114	121	126	134	6	4	3.33	1.65	.66
Credit Reporter &/or Investigator	104	114	120	130	7	7	6.14	2.63	1.00
Crew Scheduler	1	2	2	3	0	1	50.00	.00	1.00
Customer Service Rep., Printing	18	19	20	21	1	0	.00	.00	.00
Customer Service Representative	1,611	1,748	1,840	1,977	114	39	2.29	2.63	.36
*Desk Clerk	1,401	1,521	1,600	1,720	108	159	9.93	2.62	1.94
Directory Assistance Operator	80	89	94	103	6	4	4.59	3.37	.66
Dispatcher, Police/Fire/Ambulance	875	877	878	880	25	60	6.41	.11	2.50
*Dispatcher, Vehicle Service/Work	1,012	1,084	1,133	1,205	61	87	7.74	2.21	1.47
Dividend Clerk	8	9	10	11	0	0	.00	.00	.00
Duplicating Machine Operator	336	362	379	405	19	5	1.42	2.48	.26
Estimator, Media Clerk	28	28	28	28	1	3	9.67	.00	3.00
Estimator, Printing Service	36	37	38	40	1	3	7.69	.00	3.00
File Clerk	3,174	3,352	3,471	3,649	185	144	4.26	1.76	.80
Film Booker	19	18	18	17	1	0	.00	.00	.00
Freight Handler	15	16	17	19	1	3	16.66	.00	3.00
Gas Dispatcher	6	6	6	6	0	1	14.28	.00	1.00
General Clerk	20,651	22,110	23,083	24,543	1,240	5,143	19.57	2.19	4.30
In File Operator	27	30	33	36	2	4	12.50	3.33	2.00
Information Clerk	176	183	188	195	8	88	33.08	1.09	11.00
*Inserting &/or Labeling Mach Oper	139	156	168	185	11	0	.00	3.84	.00
Insurance Checker	254	272	283	301	15	6	2.25	2.20	.42
Insurance Clerk	79	85	88	94	5	19	19.00	2.35	3.80
Insurance Clerk, Medical	860	942	996	1,078	59	23	2.52	2.86	.40
Investigator	106	112	114	118	4	0	.00	.89	.00
Key Punch/Data Entry Oper	2,669	2,669	2,669	2,669	155	272	9.24	2.51	1.75
Library Assistant	2,865	2,919	2,954	3,008	114	88	2.96	.61	.79
License Clerk	323	334	342	353	15	1	.30	1.19	.06
Linecasting Mach Keyboard	25	26	26	27	1	3	10.71	.00	3.00
Loan Closer	533	567	589	623	33	5	.91	1.94	.15
Mail Clerk	981	1,030	1,063	1,113	51	70	6.56	1.55	1.42
*Mail Clerk	209	227	238	256	14	2	.92	2.64	.15
Manifest Clerk	3	3	3	3	0	21	87.50	.00	21.00
Margin Clerk	12	14	16	18	1	0	.00	7.14	.00
Mark-Up Worker	27	28	29	30	1	0	.00	.00	.00
Marker	287	303	314	330	15	9	2.99	1.65	.60
Messenger	396	421	438	464	25	52	11.40	1.90	2.16
Messenger, Bank	22	23	23	24	1	7	24.13	.00	7.00
Meter Reader, Utilities	481	508	526	553	14	29	5.58	1.77	2.07
Monotype Keyboard Oper	20	22	24	26	2	1	4.54	4.54	.50
Mortgage Closing Clerk	127	136	143	152	8	2	1.51	2.20	.28
New Accounts Teller	963	1,006	1,034	1,077	46	12	1.21	1.39	.27
Order Clerk	3,044	3,303	3,475	3,734	234	35	1.10	2.60	.15
PBX Advisor	10	11	12	13	0	0	.00	.00	.00
*Payroll &/or Timekeeping Clerk	1,869	2,010	2,105	2,246	129	104	5.14	2.33	.84
Peripheral Equip Oper	196	211	222	237	8	19	8.63	2.36	2.37
Personnel Clerk	892	928	951	987	47	58	6.02	1.29	1.26
Photo Typesetting Mach Key	128	125	123	120	5	3	2.30	.00	.60
Policy Change Clerk	201	213	221	233	11	5	2.38	1.87	.45

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Postal Mail Carrier	4,758	4,879	4,959	5,080	177	14	29	81	08
Postal Service Clerk	894	917	933	956	39	20	2.15	87	52
Procurement Clerk	553	584	604	635	26	26	4.41	1.71	1.04
Production Clerk	1,731	1,900	2,013	2,182	98	75	4.02	2.94	79
Proof Mach Oper	530	551	564	585	25	25	4.44	1.27	1.04
Proofreader, Clerical	12	12	13	13	1	1	7.69	00	1.00
Proofreader, Compos Room	117	119	121	123	6	0	00	84	00
*Protective Signal Oper	52	58	61	67	4	2	3.57	3.44	50
Purchase & Sales/Secur Order Clerk	24	27	29	32	2	0	00	3.70	00
*Rate Clerk, Freight	216	223	228	235	10	12	5.21	89	1.33
Rater	636	691	727	782	41	20	2.96	2.60	51
*Real Estate Clerk	155	160	163	168	7	7	4.26	1.25	1.00
Receptionist	6,506	7,116	7,523	8,133	475	1,812	21.26	2.85	3.97
Reservations Agent	20	20	19	19	1	6	23.07	00	6.00
Safe Deposit Clerk	63	65	67	69	3	0	00	1.53	00
Script Clerk	27	33	37	43	3	17	36.95	6.06	5.66
Secretary	25,896	27,643	28,808	30,555	1,588	2,770	9.47	2.10	1.81
Security Cashier	36	41	44	49	3	0	00	4.87	00
Security Description Clerk	1	1	1	1	0	0	00	00	00
*Service Clerk	461	486	503	529	25	9	1.88	1.64	37
Shipping & Receiving Clerk	3,534	3,816	4,004	4,286	203	627	14.73	2.46	3.23
Sorting Clerk	31	32	33	34	1	0	00	00	00
Statement Clerk	163	170	174	181	8	3	1.78	1.17	37
Station Agent	122	122	122	122	3	0	00	00	00
Statistical Clerk	1,349	1,433	1,489	1,573	77	56	3.90	1.95	75
Stenographer	1,147	1,186	1,212	1,251	63	60	4.91	1.09	98
Stock Clerk, Storeroom & Warehouse	7,885	8,518	8,940	9,573	448	676	7.70	2.47	1.56
Strike On Mach Oper	12	12	12	12	0	0	00	00	00
Survey Worker	371	394	409	432	23	16	4.05	2.03	72
*Switchboard Oper	1,521	1,602	1,655	1,736	89	158	9.26	1.68	1.83
Switchboard Oper/Receptionist	2,144	2,307	2,415	2,578	142	0	00	2.34	00
Tabulating Mach Oper	2	2	2	2	3	1	33.33	00	1.00
Teachers Aide	7,985	8,368	8,623	9,006	413	522	6.04	1.52	1.30
Tech Asst, Library	291	297	300	306	10	7	2.33	67	70
Telegraph Operator	202	211	218	227	8	7	3.30	1.42	1.00
Telephone Ad Taker, Newspaper	193	199	203	209	11	4	2.01	1.00	36
Teller	5,914	6,169	6,338	6,593	278	508	7.80	1.37	1.89
Ticket Agent	563	617	652	706	39	20	3.32	2.91	54
Title Examiner	187	202	212	227	13	13	6.34	2.47	1.08
Title Searcher	55	60	63	68	4	9	13.63	3.33	2.25
Trade Recorder	2	2	3	3	0	0	00	00	00
*Traffic Agent	305	328	343	366	19	15	4.57	2.43	83
Traffic Clerk	111	116	119	124	6	6	5.04	1.72	1.00
Transfer Clerk	11	12	13	15	0	0	00	00	00
Transit Clerk	23	24	24	25	1	0	00	00	00
Transportation Agent	218	224	227	233	8	12	5.17	89	1.50
Travel Clerk	26	26	25	25	1	14	35.00	00	14.00
*Travel Counselor	51	65	74	88	7	0	00	7.69	00
Typist/Word Processor	9,805	9,805	9,805	9,805	529	828	7.78	1.74	1.56
*Weigher	477	501	518	542	27	22	4.33	1.59	84
Worksheet Clerk	183	202	215	234	13	0	00	2.97	00
Yard Clerk	23	23	23	23	1	0	00	00	00
CRAFT WORKERS	100,194	107,926	113,083	120,835	5,704	19,462	15.92	2.44	3.56
Aircraft Mechanic	541	608	653	720	31	116	17.08	3.61	3.86
All Around Tailor	1	1	1	1	0	0	00	00	00
All Other Bindery Workers	173	183	190	201	11	0	00	1.63	00
All Other Mechanics & Repairers	1,086	1,165	1,218	1,298	62	129	10.39	2.23	2.18
All Other Skilled Workers	901	968	1,013	1,080	41	113	10.90	2.27	2.89
*Alteration Tailor	426	456	477	507	57	23	5.01	2.19	42
*Auto Seat Cov/Vinyl Top Installer	18	19	20	21	1	25	58.13	00	25.00
Automatic Maintainer	6	6	6	6	0	2	25.00	00	2.00
*Automobile Repair Service Estim	173	183	189	199	8	70	28.45	1.63	8.75
*Automotive Mechanic	7,906	8,362	8,665	9,121	382	1,410	14.89	1.81	3.86
Auxiliary Equipment Operator	20	21	21	22	1	1	4.76	00	1.00
Baker	445	455	462	473	22	105	18.98	65	5.00
*Baker Bread	783	823	850	891	47	93	10.46	1.57	2.06
*Bicycle Repairer	94	107	116	129	7	16	14.03	3.73	2.28
Bindery Mach Set-Up	14	15	15	16	0	1	6.66	00	1.00

Occupational Title	Employment				Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
	1983	1986	1988	1991					
Bindery Worker, Assembly	447	472	488	513	28	49	9.72	1.69	1.81
Bindery Worker, Stitching	92	96	99	104	5	0	.00	1.04	.00
Blacksmith	40	44	47	52	3	3	6.81	2.27	1.00
*Body Repairer, Automotive	1,147	1,216	1,263	1,332	55	290	19.86	1.89	5.47
*Boiler Maker	203	248	277	322	26	192	46.82	6.04	8.00
Bookbinder, Hand	33	36	39	42	3	21	38.18	2.77	10.50
Bookbinder, Machine	250	265	275	290	16	7	2.67	1.88	.43
*Brick Layer	162	212	245	295	23	96	34.90	8.01	4.57
Building Inspector, Fire Ins.	11	12	12	13	0	5	31.25	.00	5.00
Cabinet Maker	718	781	823	886	102	281	27.54	2.68	2.95
*Cable Installer	70	76	79	85	3	72	50.00	2.53	24.00
Cable Repairer	11	12	12	13	0	3	21.42	.00	3.00
Cable Splicer	458	503	534	579	25	25	5.02	2.98	1.04
*Cake Decorator	123	130	134	141	7	18	12.58	1.51	2.57
Camera Operator	300	309	316	325	10	12	3.80	.97	1.33
Camera/Motion Picture Camera Rep.	40	44	47	51	2	3	6.81	2.27	1.50
*Car Repairer	104	104	104	104	3	15	12.60	.00	5.00
*Carpenter	4,062	4,913	5,481	6,332	474	2,527	36.76	5.78	5.67
*Carpet Cutter &/or Layer	272	343	391	462	27	66	18.23	6.99	2.53
Casket Cover/Liner	7	8	8	9	0	0	.00	.00	.00
*Ceiling Tile &/or Floorlayer	167	216	248	297	20	109	37.32	7.40	5.73
*Cement Mason	503	642	735	874	60	234	25.88	7.16	4.03
Center Batch Plant Operator	59	65	68	74	4	0	.00	3.07	.00
Central Office Repairer	654	724	770	840	33	4	5.8	3.17	1.2
Cobbler	1	1	1	1	0	1	50.00	.00	1.00
*Coin Machine Servicer	371	422	456	507	30	15	3.72	4.02	.51
*Compositor &/or Typesetter	77	81	83	87	4	0	.00	1.23	.00
Concrete Mixer Operator	15	17	19	21	1	0	.00	5.88	.00
Concrete Rubber	14	16	17	19	1	1	6.25	6.25	1.00
Concrete Stone Finisher	7	8	8	9	0	4	36.36	.00	4.00
Concrete Wall Grinder Oper	2	3	3	4	0	0	.00	.00	.00
Contour Grinder	1	1	2	2	0	0	.00	.00	.00
Control Room Operator	30	31	32	33	1	0	.00	.00	.00
Crane, Derrick & Hoist Operator	987	1,053	1,096	1,162	55	220	17.90	2.08	4.23
Dental Laboratory Technician	426	498	547	619	37	64	12.45	4.81	1.77
Die Maker	10	10	10	10	0	0	.00	.00	.00
Die Setter	14	19	23	28	4	1	5.88	10.52	.50
Die Sinker	4	5	6	7	0	3	42.85	.00	3.00
Diesel Mechanic	2,423	2,570	2,669	2,816	124	361	12.74	1.90	3.03
Dispatcher, Load	73	77	79	83	3	1	1.33	1.29	.33
Drapery Hanger	11	13	14	16	1	9	42.85	7.69	9.00
Dredge Operator	31	34	36	39	2	2	5.88	2.94	1.00
Drop Hammer Oper	11	15	17	21	1	0	.00	6.66	.00
*Elect Track Switch Maint	101	101	101	101	3	0	.00	.00	.00
Electric Instrument Repairer	70	76	80	86	4	4	5.26	2.63	1.00
Electric Meter Installer	39	42	43	46	2	5	11.11	2.38	2.50
*Electric Motor Repairer	373	413	439	479	26	15	3.74	3.14	.60
Electric Tool Repairer	24	26	28	30	2	3	10.71	3.84	1.50
*Electrician	3,598	3,993	4,256	4,651	212	857	18.68	3.30	4.20
Electromedical Equipment Repairer	90	93	94	97	4	6	6.18	1.07	1.50
Electronic Mechanic	358	381	396	419	20	248	40.39	2.09	13.05
Electrotypist	2	2	2	2	0	0	.00	.00	.00
*Elevator Installer-Repairer	120	130	136	146	9	9	6.81	2.30	1.00
*Engineering Equip Mechanic	1,355	1,443	1,501	1,589	71	345	19.95	2.00	5.07
*Farm Equipment Mechanic	907	860	828	781	16	76	7.85	1.74	4.75
Fine Grader	7	8	9	10	0	0	.00	.00	.00
Fitter, Pipe	1	1	2	2	0	0	.00	.00	.00
*Fitter, Structural Steel	93	103	109	119	5	15	13.51	2.91	3.00
Flexographic Press Operator	1	1	1	1	0	2	66.66	.00	2.00
Floor Sanding Mach Oper	12	17	21	26	2	0	.00	11.76	.00
Food Shaper, Hand	30	31	32	33	1	2	6.25	.00	2.00
Forging Press Oper	58	67	72	81	4	7	10.29	4.47	1.75
Forging Straightening Roll Oper	10	11	12	14	0	1	9.09	.00	1.00
Forming Machine Upkeep Mechanic	12	13	14	15	0	0	.00	.00	.00
Frame Winder	120	133	141	154	6	3	2.36	3.00	.50
*Furnace Installer/Repairer	232	276	305	349	28	14	5.36	5.43	.53
*Furniture Finisher	80	91	99	110	9	28	25.00	4.39	3.11
*Furniture Upholsterer	109	121	130	142	9	32	22.06	3.30	3.55
Furnier	12	11	10	9	0	0	.00	.00	.00
Gas Meter Installer	1	1	1	1	0	4	80.00	.00	4.00

Occupational Title	1983	1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
*Gasoline Engine/Mower Repairer	157	167	174	185	8	98	37.98	1.79	12.25
Gas pumping Station Operator	1	1	1	1	0	3	75.00	.00	3.00
Gem Cutter	1	1	1	1	0	1	50.00	.00	1.00
Glass Blower	26	25	25	24	0	2	7.14	.00	2.00
*Glass Installer	94	100	104	110	4	7	6.79	2.00	1.75
*Glazier	481	531	565	615	30	81	13.98	3.20	2.89
Gravure Press Operator	2	2	2	2	0	1	33.33	.00	1.00
*Guide Setter	1	1	1	1	0	1	50.00	.00	1.00
Gunsmith	3	3	3	3	0	6	66.66	.00	6.00
Hammersmith Open Dies	4	4	5	5	0	0	.00	.00	.00
Hand Compositor	63	64	64	65	3	16	20.25	.00	8.00
Header Mach Operator	17	23	27	33	2	1	5.00	8.69	.50
Heat Treater/Annealer/Temperer	91	118	135	162	12	4	3.84	7.62	.36
*Heavy Equipment Operator	4,498	4,958	5,265	5,725	275	1,523	24.66	3.08	5.75
Hook Tender	436	442	446	452	15	28	6.00	.45	1.86
*Hostler	65	65	65	65	3	1	1.51	.00	.33
*Household Appliance Installer	62	69	73	80	4	6	8.57	2.89	1.50
Household Appliance Repairer	513	545	567	599	30	103	16.42	2.01	3.55
Hydroelectric Mach Mechanic	275	286	293	304	12	6	2.10	1.39	.50
Imposer & Make-up Arranger	25	26	27	28	1	0	.00	.00	.00
Inspector	2,972	3,316	3,546	3,890	230	254	7.60	3.46	1.15
Installer/Repairer/Section/Maintnr	994	1,096	1,164	1,266	49	63	5.77	3.10	1.31
Instrument Mechanic	531	565	588	623	29	181	1.81	1.94	.37
Instrument Repairer (Optical)	1	1	1	1	0	0	.00	.00	.00
*Irrigation System Installer	79	92	101	114	7	10	10.75	4.34	1.42
*Jeweler &/or Silversmith	150	172	187	209	16	25	13.73	4.06	1.66
Knitting Machine Fixer	12	12	12	12	0	0	.00	.00	.00
*Laundry Machine Mechanic	44	45	46	48	1	0	.00	.00	.00
*Lay-Out Worker (Metal)	174	197	212	235	14	3	1.62	4.06	.23
Lay-Out Worker, Structural Steel	1	1	1	1	0	18	94.73	.00	18.00
Lens Grinder	33	34	35	37	1	9	21.42	.00	9.00
Letter Press Operator	236	252	262	278	10	33	12.04	1.98	3.66
Line Erector/Installer/Repairer	1,495	1,615	1,694	1,814	75	118	7.13	2.47	1.63
Lincasting Mach Oper	56	58	60	62	3	5	8.06	1.72	1.66
Lincasting Mach Tender	1	1	1	1	0	7	87.50	.00	7.00
*Loader Engineer	515	518	519	522	17	67	11.49	.19	4.18
*Locksmith	71	78	82	89	4	16	17.97	2.56	4.00
*Locomotive Engineer	491	491	492	492	23	1	.20	.00	.04
*Locomotive Firer	138	138	138	138	3	4	2.81	.00	1.33
*Log Inspector/Grader/Scaler	647	663	674	691	26	52	7.38	.75	2.08
Loom Fixer	26	27	28	29	6	1	3.70	.00	.16
Ludlow Mach Oper	4	4	5	5	0	1	20.00	.00	1.00
Lumber Grader	958	940	928	910	25	126	11.68	.53	5.25
Mach Tool Oper, Tool Room	43	49	52	58	4	0	.00	4.08	.00
Machine Set-Up Oper, Paper Goods	115	116	116	117	2	2	1.70	.00	1.00
Machine Setter (Woodworking)	249	245	242	238	5	7	2.74	.00	1.40
Machine Tool Setter, Metal	135	162	180	207	10	12	7.69	5.55	1.20
Machinist	2,105	2,293	2,418	2,606	133	1,002	31.60	2.74	7.95
Maintenance Mechanic	4,487	4,637	4,737	4,887	186	403	8.15	1.07	2.25
*Maintenance Repairer, Gen Utility	7,028	7,447	7,726	8,145	283	787	9.89	1.87	2.88
*Marine Mechanic	149	157	162	170	8	29	16.02	1.91	4.14
Mattress Maker	16	16	17	17	1	0	.00	.00	.00
*Merchandise Displayer/Window Trim	231	249	261	279	17	8	3.26	2.40	.50
*Metal Fabricator	234	264	284	314	15	383	61.08	3.78	25.53
Miller, Food	67	72	76	81	4	3	4.16	2.77	.75
*Millwright	420	462	491	533	26	586	57.45	3.03	23.44
Mine Machinery Mechanic	3	4	4	5	0	0	.00	.00	.00
*Mobile Home Repairer	193	220	237	264	13	18	8.18	4.09	1.38
Model/Mold Maker	20	21	22	24	0	0	.00	.00	.00
Molder Pattern	3	4	4	5	0	0	.00	.00	.00
Molder, Bench &/or Floor	98	115	126	143	7	20	16.12	5.21	2.85
Molder, Machine	144	166	181	203	9	1	.65	4.21	.11
*Motion Picture Projectionist	288	295	300	307	16	20	6.45	.67	1.33
*Motorboat Mechanic	66	70	72	76	3	7	9.45	1.42	2.33
*Musical Instrument Repairer	69	69	70	70	1	0	.00	.00	.00
Office Mach/Cash Reg Servicer	908	966	1,005	1,063	30	46	4.72	1.96	1.58
Offset Lithographic Press Oper	1,263	1,327	1,370	1,434	46	118	8.41	1.58	2.68
*Oil Burner Installer/Service	103	98	94	89	4	1	.98	1.02	.25
*Optic Mech/Dispensing Optician	662	750	809	897	47	26	3.62	3.86	.57
*Painter, Maintenance	1,271	1,336	1,380	1,445	73	513	28.40	1.64	7.32
Paperhanger	13	14	15	16	2	3	18.75	.00	3.00
Pattern Maker, Metal	40	48	54	62	4	6	12.24	6.25	1.50

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Pattern Maker, Plastic	11	13	14	16	1	1	7.69	7.69	1.00
Pattern Maker, Wood	44	51	56	63	3	6	11.53	3.92	2.00
Photo Typesetter Operator	218	218	218	218	9	9	3.96	.00	1.12
Photo Typesetting Monitor	27	26	29	30	1	3	10.00	.00	3.00
Photoengraver	32	31	31	30	1	21	39.62	.00	21.00
Picture Framer	19	22	24	27	2	6	23.07	4.54	3.00
*Pinsetter Mechanic, Automatic	103	96	92	85	2	10	9.00	1.04	5.00
*Plasterer	104	137	159	192	17	33	22.29	8.02	2.06
Plastic Molding Set-Up	36	39	40	43	1	3	7.50	2.56	3.00
Platemaker	114	118	121	125	3	6	4.95	.84	2.00
*Plumber &/or Pipefitter	2,295	2,609	2,818	3,132	181	580	19.46	4.02	3.35
Power Reactor Operator	1	1	1	1	0	0	.00	.00	.00
Power Transformer Repairer	5	5	5	5	0	0	.00	.00	.00
Press Operator &/or Plate Printer	593	618	635	660	20	14	2.27	1.29	.73
Protective Signal Inst	36	40	43	48	2	9	19.56	2.50	4.50
Pumper Operator	23	24	24	25	1	5	17.85	.00	5.00
Pumpjack Head	3	3	3	3	0	0	.00	.00	.00
Punch Press Set-Up, Metal	35	42	47	55	2	3	7.50	4.76	1.50
Radio Mechanic	138	152	161	175	9	18	11.18	3.28	2.00
Refractory Material Repairer	36	41	44	49	3	23	37.70	4.87	7.66
*Refrigeration Mechanic	706	794	852	940	67	99	11.87	3.65	1.59
Rolling Mill Oper Helper	14	14	15	15	0	0	.00	.00	.00
Rolling Mill Oper/Attendant	21	23	24	26	2	4	15.38	4.34	2.00
*Roofing	602	646	675	719	26	343	35.72	2.32	13.19
Sample Maker	30	31	31	32	3	1	3.22	.00	.33
Setter, Molding & Coremaking Mach	18	22	25	29	1	0	.00	4.54	.00
Sewage Plant Operator	421	421	421	421	8	47	10.04	.00	5.87
Sewing Machine Mechanic	34	37	38	41	2	7	16.66	2.70	3.50
Shear &/or Slicer Set Up	13	14	15	17	0	0	.00	.00	.00
*Sheet Metal Worker	1,777	2,023	2,186	2,432	141	471	20.21	4.05	3.51
Shell Mold/Shellcore Mach Oper	78	95	107	124	8	1	1.17	6.31	1.2
Ship Engineer	105	108	109	112	5	19	15.20	.92	3.80
*Ship Fitter	153	184	204	235	15	14	7.90	5.43	.93
Ship Rigger	1	1	2	2	0	15	93.75	.00	15.00
*Ship Wright	66	75	82	91	6	23	25.00	4.00	3.83
*Shoe Repairer	65	61	59	55	6	12	15.78	.00	2.00
Shop Repairer, Instruments	79	87	93	101	4	1	1.20	3.44	.25
*Sign Erector	69	76	80	87	5	13	15.47	2.63	3.25
Sinter Press Setter Operator	1	1	1	1	0	1	50.00	.00	1.00
Springer, Furniture	59	60	60	61	2	0	.00	.00	.00
Station Installer	249	276	293	320	13	0	.00	3.26	.00
Stationary Engineer	657	679	687	699	28	62	8.45	.58	2.29
Steel Die Press Operator	41	43	45	47	2	1	2.32	2.32	.50
Stereotypier	3	3	3	3	0	0	.00	.00	.00
Stone Carver Hand	3	3	4	4	0	1	25.00	.00	1.00
Stone Setter	9	10	10	11	0	1	10.00	.00	1.00
Stonemason	23	27	30	34	2	9	27.27	3.70	4.50
Street Light Repairer & Servicer	12	12	13	13	0	2	14.28	.00	2.00
Stripper	229	238	243	252	8	7	2.92	1.26	.87
*Structural Steel Worker	331	379	411	459	24	250	41.87	4.22	10.86
Substation Operator	21	22	23	24	0	0	.00	.00	.00
Supervisor, Nonworking Etc Service	12,016	12,681	13,124	13,789	597	1,015	7.65	1.75	1.77
Supervisor, Nonworking Service	1,714	1,820	1,891	1,998	89	421	19.40	1.92	4.95
Switchboard Oper., Generating Plant	90	93	96	99	4	1	1.08	1.07	.25
*TV/Radio/Tape Deck Repairer	516	543	562	589	23	49	8.53	1.65	2.22
Teletype Installer	36	38	39	41	2	6	13.95	2.63	3.00
Terrazzo Worker	4	6	7	9	1	1	16.66	16.66	1.00
Tie Setter	40	53	62	76	5	28	38.88	7.54	5.60
Tool & Die Maker	498	556	594	652	38	51	8.97	3.41	1.41
*Tractor Operator	957	958	958	959	31	256	21.10	.00	8.53
Treatment Plant Mechanic	63	62	61	60	2	1	1.56	.00	.50
Trouble Locator, Test Desk	79	87	93	101	4	2	2.38	3.44	.50
Trouble Shooter	37	39	40	42	2	1	2.56	2.56	.50
Turbine Oper	18	20	22	24	2	2	9.52	5.00	1.00
Upholsterer	270	278	283	291	14	26	8.69	1.07	1.85
Upholstery Cutter	38	38	39	39	2	0	.00	.00	.00
Upholstery Trimmer	1	1	1	1	0	0	.00	.00	.00
Upsetter	2	3	3	4	0	0	.00	.00	.00
Veneer Grader	1,290	1,258	1,237	1,206	30	161	11.18	.79	5.55
Waste Treatment Plant Oper., Chem	12	13	14	16	0	0	.00	.00	.00

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Watchmaker	49	49	49	49	5	4	7.54	6.12	80
Water Meter Installer	41	41	42	42	1	2	4.65	.00	2.00
Water Treatment Plant Oper	312	321	327	336	14	18	5.40	.93	1.28
Water Works Pump Station	30	33	34	37	2	1	3.12	3.03	.50
Watershed Tender	3	3	4	4	0	1	25.00	.00	1.00
*Yard Engineer	18	18	19	19	0	1	5.26	.00	1.00
Yarder Engineer	577	580	581	584	19	54	8.54	1.7	3.00
OPERATIVES	130,536	139,223	145,066	153,785	6,510	24,793	15.67	2.17	3.95
Able Seaman	60	58	57	56	2	11	15.71	.00	5.50
Abrasive Grinder	6	8	9	11	1	1	12.50	12.50	1.00
*All Other Darkroom Workers	52	57	60	65	3	20	27.02	3.50	6.66
All Other Semiskilled Workers	6,983	7,649	8,093	8,759	434	4,450	38.18	2.90	10.67
Ampule Fill/Seal/Washing Oper	9	9	10	10	0	0	.00	.00	.00
Artist	14	14	14	14	0	1	6.66	.00	1.00
*Asbestos & Insulation Wkr	396	529	618	751	61	27	5.78	8.31	.46
Asbestos Shingle-Shearing Mach Oper	3	3	3	3	0	0	.00	.00	.00
Asphalt Blender	8	9	9	10	0	0	.00	.00	.00
Asphalt Plant-Drier Operator	6	7	7	8	0	0	.00	.00	.00
*Asphalt-Plant Oper	89	103	113	127	8	23	19.65	4.85	3.28
Assembler	7,332	8,480	9,245	10,393	589	1,273	14.16	4.52	2.25
Assembler-Puller Over-Hand/Mach	2	2	2	2	0	0	.00	.00	.00
Auger Press Operator	9	12	13	16	1	3	23.07	8.33	3.00
Auto Rubber Hose & Vulcan	4	4	4	4	0	0	.00	.00	.00
Auto Spring Coil Mach Oper	11	12	12	13	0	0	.00	.00	.00
Back Tender	160	162	163	165	5	3	1.82	.61	.60
Bag Mach Oper	124	125	125	126	3	7	5.34	.00	2.33
Bagger-Plastic	1	1	1	1	0	0	.00	.00	.00
Baker Helper	134	115	110	101	1	8	6.20	1.73	8.00
Balancing Mach Oper	3	3	4	4	0	0	.00	.00	.00
Baling Mach Oper	82	83	84	86	2	12	12.76	.00	6.00
Band Scroll Saw Oper	11	11	11	11	0	4	26.66	.00	4.00
Barker Oper	408	398	392	382	7	4	.97	.50	.57
Battery Loader Fabric	3	3	3	3	0	0	.00	.00	.00
Beam Wrapper Tender Auto	3	3	3	3	0	0	.00	.00	.00
Beamer-Hand/Machine	5	4	4	3	0	0	.00	.00	.00
Beater	40	40	41	41	1	1	2.43	.00	1.00
Beater Engineer	48	50	51	53	2	1	.00	2.00	.50
Bed Laster	1	1	1	1	0	0	.00	.00	.00
Bench Hand Jewelry	4	4	5	5	0	1	20.00	.00	1.00
Beveler-Beveling Oper	1	1	1	1	0	0	.00	.00	.00
Billet Processing Mach Oper	10	8	7	6	0	0	.00	.00	.00
Billposter	9	9	9	9	0	1	10.00	.00	1.00
Bindery Worker	16	17	18	19	0	0	.00	.00	.00
Blanching Mach Oper	22	22	22	22	1	0	.00	.00	.00
*Blaster Construction	16	16	17	17	1	15	48.38	.00	15.00
*Blaster Mining & Quarrying	8	11	13	16	1	6	40.00	9.09	6.00
Bleacher-Groundwood Pulp	36	36	37	37	1	1	2.70	.00	1.00
Blending Mach Oper	5	5	5	6	0	0	.00	.00	.00
Block Making Mach Oper	15	16	17	19	0	0	.00	.00	.00
Blow Molding Mach Operator	10	10	11	11	0	0	.00	.00	.00
*Blue Printing Machine Operator	34	38	41	45	2	5	12.50	2.63	2.50
Boatswain	5	5	5	5	0	1	16.66	.00	1.00
Bobbin Winder	6	6	6	6	0	2	25.00	.00	2.00
Bodymaker Oper-Tin Can	25	28	31	34	2	1	3.70	3.57	.50
*Boner Meat	115	118	120	123	5	6	4.91	.84	1.20
Boner Poultry	18	18	18	18	1	3	14.28	.00	3.00
Bookmobile Driver	3	3	4	4	0	0	.00	.00	.00
Boring Machine Op-Wood	40	41	42	43	1	17	29.82	.00	17.00
Bottom Filler	2	2	2	2	0	0	.00	.00	.00
Box Maker Paperboard	14	14	14	14	0	6	30.00	.00	6.00
Braker	889	890	891	892	25	70	7.29	.00	2.91
Brick & Tile Making Machine Oper	9	10	11	12	0	3	25.00	.00	3.00
Briquetting Mach Oper	4	4	4	4	0	1	20.00	.00	1.00
Brown-Stock Washer/Blow-Pit Tend	24	24	25	25	1	0	.00	.00	.00
Buffer-Hides/Skins	5	4	4	3	0	0	.00	.00	.00
Buffer-Shoe Parts	3	3	3	3	0	0	.00	.00	.00
Bulk Station Operator	3	3	4	4	0	0	.00	.00	.00
Bundler	26	27	28	30	1	2	7.14	.00	2.00



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Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Burler	10	10	11	11	0	1	9.09	00	1.00
Burnisher	2	2	2	2	0	1	33.33	00	1.00
Bus Driver	4,335	4,711	4,952	5,339	309	291	6.12	2.65	.99
*Bus Driver, School	1,120	1,125	1,128	1,133	46	0	00	17	00
*Butcher, All Around	169	174	177	182	8	47	21.55	1.14	5.87
*Butcher/Meat Cutter (Exc Manuf)	1,412	1,513	1,581	1,682	90	255	14.99	2.24	2.96
Butter Maker	10	10	9	9	0	2	16.66	00	2.00
Cage Maker Hand or Mach	11	12	13	14	0	0	00	00	00
Calender Oper	4	5	5	6	0	0	00	00	00
Calender Oper Help, Plastic/Rubb	19	20	20	21	1	0	00	00	00
Calender Oper, Plastic/Rubber	5	5	6	6	0	1	16.66	00	1.00
Calender Operator, Knit Goods	6	6	6	6	0	0	00	00	00
Candy Maker	28	32	35	40	2	1	3.33	3.12	.50
*Cannery Worker	5,839	5,863	5,879	5,903	157	1,644	21.94	13	10.81
Carbon Selter	71	73	75	77	3	25	25.77	1.36	8.33
Carbonation Equip Tender, Beer	12	12	13	13	0	0	00	00	00
Carcass Splitter	9	9	9	9	0	0	00	00	00
Card, Comb Tender/Card Stripper	30	31	32	34	0	1	3.22	00	1.00
Carrier Driver	206	201	197	192	2	0	00	.49	.00
Carton Forming Mach Oper	5	5	5	5	0	3	37.50	00	3.00
Carving Mach Oper	32	34	36	38	2	1	2.94	2.94	.50
Casing Finisher &/or Stuffer	31	31	32	32	1	1	3.12	00	1.00
Caster	1	1	1	1	0	0	00	00	00
Caster, Finished or Semifinished	8	10	12	14	1	3	25.00	10.00	3.00
Caster, Ingots & Pigs	53	55	56	58	2	3	5.26	1.81	1.50
Caster, Plastics	11	17	20	26	2	1	7.14	11.76	.50
Caster, Pottery & Porcelain	38	37	36	35	1	1	2.56	00	1.00
Catcher Steel	4	5	5	6	0	0	00	00	00
Centrifugal-Casting Mach Oper	7	8	9	10	0	1	12.50	00	1.00
Charger Operator	12	14	15	17	1	1	7.14	7.14	1.00
Chauffeur	142	160	171	189	12	10	6.32	3.75	.83
Cheese Maker	25	24	23	22	1	1	3.84	00	1.00
Cheese Maker Helper	46	44	43	41	1	1	2.17	00	1.00
Chemical Oper Helper	52	54	55	57	2	0	00	1.85	.00
Chemical Operator A	204	212	218	226	8	27	11.52	1.41	3.37
Chemical Operator B	64	66	67	69	3	28	30.10	1.51	14.00
*Chicken Cutter	68	68	69	69	2	0	00	00	00
Chief Operator	51	52	52	53	1	0	00	00	00
Chipper, Log	356	348	342	334	6	36	9.25	.57	6.00
Clarifier	3	3	3	3	0	0	00	00	00
Clay Maker	3	3	2	2	0	1	25.00	00	1.00
Cloth Feeder & Back Tender	24	25	25	26	1	0	00	00	00
Cloth Printer	12	14	15	17	1	23	63.88	7.14	23.00
Cloth or Carpet Winder	4	4	4	4	0	1	20.00	00	1.00
Coater Oper Insulation	3	3	2	2	0	0	00	00	00
Coater Operator, Off-Machine	32	32	32	32	1	2	5.88	00	2.00
Coater, Drugs	7	7	7	7	0	1	12.50	00	1.00
Coater, Roofing Felt	70	76	80	86	4	3	4.00	2.63	.75
Coating Mach Oper	4	4	4	4	0	9	69.23	00	9.00
Coating Mixer Tender	22	22	22	22	1	0	00	00	00
Coil Finisher	140	167	185	212	13	0	00	5.38	.00
Coil Winder	142	167	184	209	12	9	5.66	4.79	.75
Combiner Operator	16	16	16	16	0	1	5.88	00	1.00
Compounder, Petroleum	15	16	17	18	0	0	00	00	00
Compression/Injection Molding Oper	392	424	445	477	23	31	7.14	2.59	1.40
Compressor, Drugs	16	16	17	17	0	0	00	00	00
Concrete Pipe Maker	53	58	61	66	4	3	5.17	3.44	1.00
Concrete Stone Fabricator	22	24	26	28	2	0	00	4.16	.00
Concrete Vault Maker	13	14	15	16	0	1	7.14	00	1.00
Conveyor Operator	303	310	314	321	8	29	8.68	.64	3.62
Convolute Tube/Spiral Tube Winder	17	17	17	17	0	2	10.52	00	2.00
*Cook &/or Cooker	135	138	139	142	4	16	10.52	.72	4.00
*Cooler Room Worker (Meat)	9	9	9	9	0	2	18.18	00	2.00
Cooling Mach Oper	3	3	3	3	0	0	00	00	00
Copy-Camera Operator	19	20	21	22	1	3	13.63	00	3.00
Core Assem Finisher	1	1	1	1	0	8	88.88	00	8.00
Core Feeder, Plywood	551	536	526	511	9	81	12.91	.74	10.12
Core Layer &/or Sheet Turner	920	895	879	854	15	140	13.30	.78	9.33
Core Winding Operator	141	143	144	146	5	1	.69	.69	.20
Coremaker, Hand/Bench/Floor	55	64	70	79	5	3	4.91	4.68	.75



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Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Coremaker, Machine	24	28	30	34	2	1	3.84	3.57	50
Corner Cutter	7	7	7	7	0	0	00	00	00
Corrosion Control Fitter	12	12	13	13	0	0	00	00	00
Corrugator Knife Oper	8	8	8	8	0	0	00	00	00
Corrugator Oper	19	19	19	19	0	7	26.92	00	7.00
Crab Backer (Butcher)	3	3	4	4	0	13	81.25	00	13.00
Crab Cooker	2	2	2	2	0	0	00	00	00
Crab Picker	3	3	4	4	0	0	00	00	00
Crab Processor	2	2	2	2	0	0	00	00	00
Crater	10	13	16	19	1	3	21.42	7.59	3.00
Creeler Yarn	3	3	3	3	0	0	00	00	00
Cushion Maker	7	7	7	7	0	13	65.00	00	13.00
Cut-Off Saw Oper	722	719	717	714	19	65	8.26	00	3.61
Cut-Off Sawyer, Log	215	209	206	200	4	9	4.05	47	2.25
Cutter, Hand	39	44	48	53	3	80	66.11	4.54	26.66
Cutter, Machine	196	203	207	214	8	14	6.60	98	2.00
Cutter, Portable Mach	103	109	114	120	5	3	2.77	1.83	60
Cutting Mach Oper, Food	101	99	98	96	3	1	99	00	33
Cylinder Mach Tender	3	3	3	3	0	1	25.00	00	1.00
Cylinder Die-Machine Operator	10	10	10	10	0	1	9.09	00	1.00
Dado Oper	5	5	6	6	0	0	00	00	00
Dairy Processing Equip Oper	140	137	135	132	3	5	3.47	00	1.66
Decorator, Bakery Products	38	39	39	40	1	3	7.31	00	3.00
Decorator, Hand	17	18	18	19	0	24	58.53	00	24.00
Dehairing Mach Oper	1	1	1	1	0	0	00	00	00
Deliverer, Car	23	25	26	28	2	7	22.58	4.00	3.50
*Delivery Driver & Route Worker	8,063	8,570	8,908	9,415	336	597	6.76	1.97	1.84
Depositor, Food	26	25	24	23	1	1	3.70	00	1.00
*Developer &/or Projection Printer	217	234	246	263	12	15	6.30	2.56	1.25
Developing Mach Oper	6	7	8	9	0	1	14.28	00	1.00
Die Cutter &/or Clicking Mach Op	87	92	95	100	5	1	1.11	2.17	25
Die Mounter	10	10	10	10	0	0	00	00	00
Diecast Moulder/Set-Up	106	123	134	151	9	12	9.67	4.87	1.33
Digester Oper Helper	43	44	44	45	1	1	2.27	00	1.00
Digester Oper or Cook	61	62	63	64	1	1	1.61	00	1.00
Dinker Operator	7	7	8	8	0	0	00	00	00
Dip Plater	23	26	28	31	1	6	20.00	3.84	6.00
Dipper, Pottery	1	1	1	1	0	0	00	00	00
Dividing/Dough-Brake Mach Oper	78	75	72	69	2	0	00	00	00
Doffer	2	2	2	2	0	0	00	00	00
*Doughnut Maker & Mach Oper	58	61	62	65	3	25	29.76	1.63	8.33
Dowel Mach Oper	1	1	1	1	0	2	66.66	00	2.00
Drawer-In Hand	3	3	3	3	0	0	00	00	00
Drawing-Frame/Gill-Box Tender	1	1	1	1	0	0	00	00	00
Dresser Tender	4	4	5	5	0	1	20.00	00	1.00
Drier & Pulverizer Tender	1	1	1	1	0	0	00	00	00
Drier Chemical & Rubber	8	9	10	11	0	1	11.11	00	1.00
Drier Oper Food	23	23	24	24	1	4	14.81	00	4.00
Drier Oper Insulation Board	6	5	5	4	0	0	00	00	00
Drier Oper, Textiles/Rugs	3	3	3	3	0	1	25.00	00	1.00
Drill Press & Boring Mach Oper	487	562	611	686	35	64	11.11	4.44	1.88
Drill-Punch Operator	4	4	4	4	0	0	00	00	00
Driller, Hand	10	11	11	12	0	0	00	00	00
Driller, Machine	25	26	27	29	1	22	46.80	00	22.00
*Driver, Assembly	79	87	92	100	6	7	7.86	3.44	1.16
*Dry Cleaner, Hand	42	42	43	43	2	3	6.66	00	1.50
*Dry Cleaning Machine Oper	200	206	209	215	12	18	8.18	97	1.50
Dry Curer	2	2	2	2	0	0	00	00	00
*Dry-Wall Applicator	357	478	558	679	43	221	35.76	8.36	5.13
Dump Operator	6	6	6	6	0	1	14.28	00	1.00
Dust Oper/Core Crushing Dust Collect	8	8	9	9	0	0	00	00	00
Dye Range Oper/Back Tender	1	1	1	1	0	0	00	00	00
Dye Reel/Jiggers/Pad Mach Oper	4	5	5	6	0	0	00	00	00
Dye Tank Tender	3	3	3	3	0	0	00	00	00
Edge Gluer	171	166	163	159	3	14	7.65	60	4.66
Electrical/Electronic Assembler	3,875	4,442	4,820	5,387	297	923	18.50	4.25	3.23
Electro-Mechanical Assembler	734	860	944	1,070	63	34	4.19	4.88	56
Electrolytic Cell Maker/Repairer	20	21	22	24	1	1	4.76	00	1.00
Electroplater	240	285	315	360	20	31	10.83	5.26	1.63
Emboss/Stamp/Mark Mach Oper	20	22	23	25	2	2	8.69	4.54	1.00
Encapsulator	10	11	11	12	0	1	9.09	00	1.00

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Ending Mach Oper	5	5	5	5	0	0	.00	.00	.00
Enrobing Mach Oper	9	9	8	8	0	1	10.00	.00	1.00
Envelope Finishing Mach Oper	16	16	16	16	0	9	36.00	.00	9.00
Envelope Mach Oper	58	59	59	60	1	2	3.33	.00	2.00
Etcher &/or Engraver Mach Oper	103	118	127	142	11	47	30.32	4.23	4.70
Evaporator Oper, Chem	7	8	8	9	0	1	12.50	.00	1.00
Evaporator Oper, Papermaking	18	18	19	19	0	0	.00	.00	.00
*Exterminator	82	87	90	95	4	14	14.28	2.29	3.50
Extractor Plant Operator	7	8	8	9	0	1	12.50	.00	1.00
Extruder Oper Helper, Plastic/Rub	48	50	52	54	2	6	10.90	2.00	3.00
Extruder Oper, Plastics/Rubber	125	140	149	164	9	12	8.45	3.57	1.33
Extruder Operator	3	3	3	3	0	1	25.00	.00	1.00
Extrusion Press Oper, Hot Billets	2	2	2	2	0	3	60.00	.00	3.00
Eyelet Mach Oper	13	14	15	16	0	1	7.14	.00	1.00
Fabricator, Plastics	48	57	62	71	5	2	3.77	5.26	.50
Fastener Mach	2	2	2	2	0	0	.00	.00	.00
Feed Pellet Mill Oper	26	26	27	27	1	2	7.14	.00	2.00
Fermentation Operator	11	11	12	12	0	0	.00	.00	.00
Filter/Grinder/Buffer/Cleaner	904	1,062	1,167	1,325	87	99	9.37	4.99	1.20
Filter &/or Filter Press Oper	4	4	4	4	0	2	33.33	.00	2.00
*Finisher, Hand	50	53	55	58	2	0	.00	1.88	.00
Finisher, Pottery & Porcelain	44	41	40	37	1	0	.00	.00	.00
Firer, Marine	6	6	7	7	0	1	14.28	.00	1.00
*Fish Cleaner &/or Butcher Fish	267	278	285	296	14	20	6.87	1.43	1.53
Flavor-Room Worker/Freezer Oper	32	30	29	28	1	0	.00	.00	.00
Flexo Folder Gluer	28	28	29	29	1	0	.00	.00	.00
Floor Worker	20	22	23	25	2	0	.00	4.54	.00
Floor Worker, Footwear	14	14	14	14	0	1	6.66	.00	1.00
*Folder	214	221	226	233	13	3	1.36	.90	.23
Folder, Hand	21	24	26	29	2	1	4.34	4.16	.50
Folding Mach Feeder	10	10	10	10	0	0	.00	.00	.00
Folding Mach Oper, Paper	83	84	84	85	2	2	2.35	.00	1.00
Folding Mach Oper, Textiles	13	13	14	14	0	3	18.75	.00	3.00
Forming Mach Oper, Glass Container	27	30	31	34	2	3	9.67	3.33	1.50
Four Corners Stayer Mach Oper	3	3	3	3	0	0	.00	.00	.00
Fourdriner Mach Tender	166	169	170	173	5	3	1.76	.59	.60
Fourth/Fifth Hand	260	263	266	269	7	0	.00	.38	.00
Fumigator	4	4	5	5	0	3	42.85	.00	3.00
Furnace Oper &/or Cupola Tender	287	329	357	399	23	16	5.04	4.25	.72
Furnace/Burner Tender	23	25	26	28	2	1	4.00	4.00	.50
*Furnace/Drier/Kiln/Oven Oper/Tender	50	53	55	58	2	3	5.55	1.88	1.50
*Furniture Assembler & Installer	80	93	101	114	7	1	1.17	4.30	.16
Fusing Mach Oper	3	3	3	3	0	0	.00	.00	.00
*Gager	80	86	89	95	3	1	1.20	2.32	.33
Gang Sawyer	57	56	55	54	1	7	10.93	.00	7.00
Garment Repairer	13	16	19	22	2	1	6.66	6.25	.50
*Gas Station Attendant	6,107	6,417	6,624	6,935	218	996	13.82	1.60	4.74
Gear Cutter/Gear Grinder	30	36	39	45	3	10	23.80	5.55	3.33
Glass Blowing Lathe Oper	14	14	15	15	0	1	6.66	.00	1.00
Glass Cutoff Mach Oper	8	9	9	10	0	2	20.00	.00	2.00
Glass Cutter Mach	3	3	4	4	0	1	25.00	.00	1.00
Glass Finisher	2	2	3	3	0	0	.00	.00	.00
Glazier/Joiner, Stained Glass	2	2	2	2	0	5	71.42	.00	5.00
Glove Turner & Former	2	2	3	3	0	0	.00	.00	.00
Gluer &/or Cementer, Hand	45	46	47	49	1	4	8.16	.00	4.00
Gluing Machine Oper	68	68	69	69	2	3	4.22	.00	1.50
*Grader, Food &/or Skins	333	350	362	379	16	215	38.80	1.71	14.33
Grain Receiver	6	6	6	6	0	0	.00	.00	.00
Granulator Mach Oper	9	9	10	10	0	1	10.00	.00	1.00
Green Anode Processor	4	4	4	4	0	0	.00	.00	.00
Grinder Oper, Chem/Plastic/Rubber	41	42	42	43	1	6	12.76	.00	6.00
Grinding/Abrading Mach Oper	474	538	581	645	37	68	12.07	3.90	1.94
Hand Edger	3	3	3	3	0	1	25.00	.00	1.00
Hand Sewer	29	33	35	39	2	17	36.17	3.03	8.50
Harness Placer	3	3	3	3	0	0	.00	.00	.00
Head Sawyer	382	375	371	364	9	38	9.09	.26	4.22
Heat Sealer	10	10	11	11	0	0	.00	.00	.00
Heater Metal	13	16	18	21	1	1	6.66	6.25	1.00
Heater Tender	6	6	7	7	0	1	14.28	.00	1.00
Heating Pit Charger	3	3	4	4	0	0	.00	.00	.00

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Heel Attacher	3	3	3	3	0	0	00	00	00
Heel Seat Fitter Mach	2	2	2	2	0	0	00	00	00
Heel Seat Laster Mach	2	2	2	2	0	0	00	00	00
High Density Finishing Oper	2	2	1	1	0	0	00	00	00
Hose Maker	7	7	8	8	0	0	00	00	00
Hot Plate Plywood Press Oper	370	361	354	345	6	33	8.25	55	5.50
Hydraulic Press Oper, Veneer	41	40	39	38	1	2	4.65	00	2.00
Ice Maker	6	6	7	7	0	1	14.28	00	1.00
Impregnator, Electronic	48	58	64	74	4	0	00	5.17	00
Incising Mach Operator	1	1	1	1	0	0	00	00	00
Industrial Truck Operator	6,090	6,286	6,416	6,612	172	1,269	17.09	1.03	7.59
Ingredient Scaler	45	43	41	39	1	4	8.33	00	4.00
Inker	3	3	3	3	0	1	25.00	00	1.00
Inker Hand or Mach	3	3	3	3	0	0	00	00	00
Instrument Maker/Assembler	194	218	235	259	13	22	9.82	3.66	1.69
Insulating/Extruding Mach Oper	1	1	1	1	0	4	80.00	00	4.00
Kettle Oper, Adhesive	32	31	31	30	1	4	11.11	00	4.00
Kiln Oper, Clay/Lime	7	8	9	10	0	0	00	00	00
Kiln Oper, Lumber	70	68	67	65	2	8	10.38	00	4.00
Knitting Mach Oper	27	27	27	27	1	2	6.89	00	2.00
Laminating Mach Oper	1	1	1	1	0	1	50.00	00	1.00
Laminating Mach Oper, Furniture	38	43	46	51	3	1	2.43	4.65	3.33
*Laminator, Preforms	168	185	196	213	10	6	3.33	3.24	6.00
Laster Hand	4	4	3	3	0	0	00	00	00
Lathe &/or Turning Mach Oper	762	849	907	994	54	54	6.39	3.41	1.05
Lathe Oper, Wood	39	41	42	44	2	4	9.09	2.43	2.00
*Lather	50	67	78	95	6	17	23.28	8.95	2.83
*Laundry Operator, Small Estab	406	431	448	474	29	11	2.58	1.85	3.9
Layboy Tender	22	22	24	25	1	1	4.34	00	1.00
Leather Belt Maker	4	4	5	5	0	0	00	00	00
Leather Cleaner	3	3	4	4	0	0	00	00	00
Leather Finisher	4	4	5	5	0	3	42.85	00	3.00
Line Service Attendant	297	331	353	387	19	3	96	3.32	15
Loading Machine Oper	44	45	45	46	1	0	00	00	00
Loading Machine Operator	9	9	10	10	0	6	40.00	00	6.00
Lrg Handling Equip Oper	662	651	644	634	8	0	00	46	00
Looper	10	10	10	10	0	0	00	00	00
*Mach Presser, Drycleaning	321	333	342	354	22	36	9.97	1.20	1.71
*Mach Presser, Laundry	463	475	484	496	30	15	3.11	84	51
Mach Tool Oper, Combination	879	967	1,026	1,114	60	218	19.36	2.99	3.82
Mach Tool Oper, Numerical Control	354	405	438	489	30	14	3.53	4.19	48
Machine Assembler	622	694	743	815	41	79	10.89	3.45	2.02
Machinist, Wood	303	328	345	370	19	35	10.11	2.43	1.94
Manipulator, Table/Bed Oper	5	5	5	5	0	1	16.66	00	1.00
Marine Service Station Attend	9	8	8	7	0	0	00	00	00
Marker, Cloth & Paper	24	24	25	25	1	1	4.00	00	1.00
*Marker/Classifier/Wet Wash Assmbler	176	182	186	192	11	5	2.73	1.09	45
Measuring Mach Oper, Leather	2	2	1	1	0	0	00	00	00
*Meat Grinder	52	53	54	56	1	1	1.88	00	1.00
*Mender	111	114	117	120	7	4	3.44	87	66
Mender, Cloth	13	13	13	13	1	0	00	00	00
*Mill/Grinder Oper, Mineral	182	196	205	219	10	14	6.96	2.55	1.40
Milling & Planing Mach Oper	381	445	488	553	34	25	5.85	4.71	78
Mixer Oper Hot Metal	1	1	1	1	0	0	00	00	00
Mixer Ore & Metals	4	4	4	4	0	1	20.00	00	1.00
Mixer, Clay & Relate Prod	47	52	55	60	3	1	2.00	3.84	3.3
Mixer, Food & Tobacco	361	359	358	356	9	12	3.22	00	1.33
Mixer/Blender, Chemical	476	488	497	509	18	15	3.03	81	88
*Mobile Home Set-Up Operator	75	94	107	126	7	83	50.60	6.38	11.85
Mold Closer/Core Setter	34	38	40	44	2	1	2.77	2.63	50
Molder Hand Refractory	6	6	7	7	0	1	14.28	00	1.00
Molder, Machine	1	1	1	1	0	0	00	00	00
Mortising Mach Oper	7	7	7	7	0	0	00	00	00
Motorboat Operator	3	3	3	3	0	6	66.66	00	6.00
*Multi Photo Print Oper	92	98	102	108	5	6	6.00	2.04	1.50
Nail Making Oper	174	177	179	182	7	6	3.31	56	85
Negative Cutter & Spotter	31	33	35	37	2	0	00	3.03	00
Novelty Worker	19	18	18	17	0	0	00	00	00
Oilier	510	522	531	543	18	45	8.05	76	2.64
Ordinary Seaman	165	154	147	136	2	36	18.27	1.94	18.00

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Oven Operator, Automatic	128	124	121	117	3	3	2.30	.00	1.00
*Painter, Automotive	520	551	572	603	22	109	17.05	1.81	4.95
Painter, Production	801	918	996	1,113	60	167	16.58	4.24	2.92
Panel Mach Oper, Paper	4	4	4	4	0	0	.00	.00	.00
Panelboard/Grind Mill Oper	58	65	70	77	3	7	10.44	3.07	2.33
Paper Reel/Rewinder Oper	168	170	171	173	6	34	16.74	.58	6.80
*Parking Lot Attendant	496	538	565	607	40	16	3.04	2.60	.43
Paste-Up Copy-Camera Operator	417	425	430	438	14	0	.00	.70	.00
Pattern Marker I (Wood)	21	22	22	23	1	3	12.50	.00	3.00
Pattern, Cutter	11	11	12	12	0	1	8.33	.00	1.00
Pattern, Maker	24	26	28	30	2	3	10.71	3.84	1.50
*Photo Checker & Assembler	101	107	112	118	5	2	1.90	1.86	.40
Photographer Helper	9	10	10	11	0	9	50.00	.00	9.00
Photolettering Mach Oper	12	12	13	13	0	12	50.00	.00	12.00
Picker Tender, Cotton & Wool	0	0	0	0	0	2100	.00	.00	2.00
Pickler, Food	6	6	6	6	0	2	25.00	.00	2.00
Pipe & Tank Liner	1	1	2	2	0	1	50.00	.00	1.00
Pipe Stripper	23	25	27	29	2	0	.00	4.00	.00
Planer Operator, Lumber	328	321	316	309	8	31	8.68	.31	3.87
Plastic Top Installer	35	35	36	36	1	6	14.63	.00	6.00
*Plater Helper	168	191	206	229	13	4	2.22	4.18	.30
Pleating Mach Oper	1	1	1	1	0	0	.00	.00	.00
Polisher/Blocker Glass	2	2	2	2	0	1	33.33	.00	1.00
Pony Edger	429	418	411	400	8	28	6.18	.71	3.50
Pot Liner	39	40	41	42	1	9	18.75	.00	9.00
Pot Tender	222	229	234	241	7	12	5.08	.87	1.71
*Poultry Dresser/Eviscerator	127	128	128	129	4	279	68.71	.00	93.00
Pourer Metal	75	88	96	109	5	6	7.05	4.54	1.20
Power Press Tender	10	11	12	13	0	1	9.09	.00	1.00
Power Screw Driver Oper	11	11	10	10	0	0	.00	.00	.00
Precipitator Oper	3	3	3	3	0	0	.00	.00	.00
Press Assistant/Feeder	245	254	261	270	10	5	1.97	1.18	.50
Press Operator, Hardboard	47	49	50	52	2	0	.00	2.04	.00
Press Operator, Meat	1	1	1	1	0	1	50.00	.00	1.00
Press Operator	12	13	13	14	0	4	25.00	.00	4.00
Press Tender, Rubber Goods	49	69	82	102	9	3	5.08	10.14	.37
*Presser (Hand)/Blocker	94	98	101	106	6	1	1.04	1.02	.16
*Print Developer, Machine	51	54	57	60	2	1	1.88	1.85	.50
Printer Slotter Feeder	6	6	6	6	0	1	14.28	.00	1.00
Printer Slotter Oper	16	16	16	16	0	0	.00	.00	.00
Production Packager	7,053	7,256	7,391	7,594	302	485	6.37	.93	1.64
Proof-Press Operator	9	9	9	9	0	3	25.00	.00	3.00
Pulling & Lasting Mach Oper	3	3	3	3	0	0	.00	.00	.00
Pulp Refiner Oper	40	40	40	40	1	0	.00	.00	.00
Pulper	120	122	123	125	4	3	2.41	.81	.75
Pumper Meat	6	6	6	6	0	0	.00	.00	.00
Punch Press Oper, Metal	50	591	647	731	35	55	9.32	4.73	1.61
Punch Press Oper, Plastic	4	4	5	5	0	0	.00	.00	.00
Pwr Brk &/or Bending Mach Oper	266	312	343	390	19	22	7.26	4.80	1.22
Raw Cheese Worker	1	1	1	1	0	0	.00	.00	.00
Reagent Tender	6	6	7	7	0	0	.00	.00	.00
Recovery Oper, Papermaking	101	102	103	105	2	1	.98	.00	.50
Recovery Operator, Metal	5	5	5	5	0	0	.00	.00	.00
Refinery Operator, Petroleum	22	33	41	52	5	1	3.70	12.12	.20
Resawyer	371	364	360	353	9	38	9.33	.27	4.75
Retort Oper	28	28	29	29	1	1	3.44	.00	1.00
Rip & Groove Mach Oper	5	5	5	5	0	0	.00	.00	.00
Ripsaw Oper	299	300	301	303	8	6	1.96	.00	.75
Riveter, Heavy	9	10	11	13	0	0	.00	.00	.00
Riveter, Light	22	24	26	28	2	2	8.00	4.16	1.00
Roll Builder	6	9	12	15	1	0	.00	11.11	.00
Roll Builder, Roughing Stands	1	1	1	1	0	0	.00	.00	.00
*Roll Forming Mach Oper	54	60	65	71	4	3	5.08	3.33	.75
Rolling Mach Oper	3	3	2	2	0	0	.00	.00	.00
Roof Cement & Paint Maker	6	7	7	8	0	0	.00	.00	.00
Rotary Derrick Operator, Petroleum	5	5	5	5	0	5	50.00	.00	5.00
Rotary Drill Operator	38	39	39	40	1	10	20.83	.00	10.00
Rotation Molding Mach Oper	5	5	6	6	0	0	.00	.00	.00
Rough Rounder	2	2	2	2	0	0	.00	.00	.00
Roustabout	11	11	12	12	0	10	47.61	.00	10.00

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Rubber Furniture	24	25	25	26	1	1	4.00	.00	1.00
Rubber Goods Cutter/Finisher	21	32	39	50	5	3	10.71	12.50	.60
Rubber-Mill Tender	23	29	34	40	3	3	10.71	6.89	1.00
*Rug Cleaner, Hand	47	50	51	54	3	9	15.78	2.00	3.00
Rug Cleaner, Machine	36	37	38	39	2	1	2.70	.00	.50
Ruling Mach Oper	21	21	21	21	0	0	.00	.00	.00
Sand Cutter, Mixer &/or Slinger	19	22	24	27	2	1	4.76	4.54	1.00
Sandblaster &/or Shotblaster	97	109	118	130	7	40	28.36	3.66	5.71
Sandblaster, Stone	5	5	6	6	0	3	37.50	.00	3.00
Sander Wood	289	297	302	310	11	25	7.88	1.01	2.27
Saw Filer	553	544	537	528	13	53	8.78	.36	4.07
Sawyer, Metal	150	168	181	199	10	6	3.70	3.57	.60
Sawyer, Stone	1	1	2	2	0	0	.00	.00	.00
Sawyer, Tail	31	30	30	29	1	0	.00	.00	.00
Scorer	2	2	2	2	0	0	.00	.00	.00
Scrap Sorter	4	5	5	6	0	2	33.33	.00	2.00
Scraper/Stripper	9	9	9	9	0	0	.00	.00	.00
Screen Cutter/Maker, Non-Photogr	14	15	16	18	0	5	26.31	.00	5.00
Screen Maker, Photographic Process	14	16	17	19	1	6	28.57	6.25	6.00
Screen or Stencil Printer/Setter	203	230	247	274	14	42	16.53	3.91	3.00
Second Cutter	10	10	10	10	0	4	28.57	.00	4.00
Selector Glass	158	174	185	201	10	136	45.48	2.87	13.60
Sewer, Custom	51	48	46	43	4	7	12.28	.00	1.75
Sewing Mach (Reg) Oper, Garment	1,020	1,080	1,121	1,181	73	6	.57	1.85	.08
Sewing Mach (Reg) Oper, Nongarment	784	854	900	970	50	197	19.62	2.69	4.10
Sewing Mach (Spec) Oper, Garment	111	115	118	123	7	3	2.60	.86	.50
Sewing Mach (Spec) Oper, Nongarment	190	211	224	245	17	10	4.83	3.31	.58
Shactor	1	1	1	1	0	0	.00	.00	.00
Shaker Tender	2	2	2	2	0	0	.00	.00	.00
Shaper & Presser	9	9	9	9	0	0	.00	.00	.00
Shaper &/or Router Oper	139	138	137	136	4	12	7.94	.00	3.00
Shaper Hand	1	1	1	1	0	0	.00	.00	.00
Shear &/or Slitter Oper	226	263	287	324	19	21	8.10	4.56	1.16
*Shellfish Processing Mach Tender	70	73	75	78	3	2	2.73	1.36	.66
*Shellfish Shucker	150	157	161	168	6	5	3.18	1.27	.83
Shipping Packer	2,051	2,224	2,340	2,513	122	14	.65	2.60	.12
Side Laster	2	2	2	2	0	0	.00	.00	.00
Skein Yarn Dryer	3	3	3	3	0	0	.00	.00	.00
Skin Peeling Mach Oper	3	3	3	3	0	0	.00	.00	.00
Skinner	35	36	36	37	1	1	2.77	.00	1.00
Skiver	3	3	3	3	0	0	.00	.00	.00
Slime Press & Filter Tender	6	6	7	7	0	0	.00	.00	.00
Slitter/Creaser/Slitter Oper	29	30	31	33	1	0	.00	.00	.00
Slitting Mach Oper	88	90	91	93	3	4	4.30	1.11	1.33
Sliver Forming & Winding Operator	11	12	13	14	0	0	.00	.00	.00
Slotter Oper	1	1	1	1	0	0	.00	.00	.00
Smoker	10	10	10	10	0	1	9.09	.00	1.00
Soabar Operator	8	8	8	8	0	1	11.11	.00	1.00
Sorter Operator, Green Lumber	126	123	120	117	3	11	8.08	.00	3.66
Sorter Upholstery Parts	2	2	2	2	0	0	.00	.00	.00
Spinner, Frame	36	38	39	41	2	1	2.63	2.63	.50
Splitting Mach Feeder	2	2	1	1	0	0	.00	.00	.00
Spooler Oper Auto	3	3	3	3	0	1	25.00	.00	1.00
Spotter, Dry Cleaning	46	47	48	50	2	1	2.12	.00	.50
Spotter, Washable Materials	11	11	12	12	1	1	8.33	.00	1.00
Spreader, Cloth	23	25	26	28	2	4	14.28	4.00	2.00
Spring Mach Oper	4	4	4	4	0	0	.00	.00	.00
Staker Mach	12	10	9	8	0	0	.00	.00	.00
Stapler, Mattress/Bedspring	7	7	7	7	0	1	12.50	.00	1.00
Stapling Mach Oper	9	9	10	10	0	3	25.00	.00	3.00
Stationary Boiler Firer	551	550	550	549	20	88	13.77	.00	4.63
Steel Pourer Helper	13	15	17	19	1	4	22.22	6.66	4.00
Sterilizer Drugs	2	2	2	2	0	3	60.00	.00	3.00
Sticker	2	2	2	2	0	0	.00	.00	.00
Still Oper, Asphalt	1	1	1	1	0	0	.00	.00	.00
Still Oper, Batch/Continuous	6	6	7	7	0	1	14.28	.00	1.00
Stitch Special Mach	3	3	3	3	0	1	25.00	.00	1.00
Stitcher Standard Mach	7	7	6	6	1	0	.00	.00	.00
Stitcher Utility	13	12	12	11	1	0	.00	.00	.00
Stone Cutter Mach	2	2	1	1	0	0	.00	.00	.00

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Stone Polisher	2	2	3	3	0	1	33.33	00	1.00
Stove Tender/Blast Furnace Keeper	9	9	10	10	0	0	00	00	00
Stranding Mach Oper	7	7	8	8	0	1	12.50	00	1.00
Streetcar Operator	1	1	1	1	0	2	66.66	00	2.00
Stretcher Leveler Oper	6	6	7	7	0	0	00	00	00
Stripping Mach Oper, Insulated Wire	1	1	1	1	0	0	00	00	00
Stunner	8	8	8	8	0	0	00	00	00
Sugar Boiler	10	11	12	14	0	0	00	00	00
Super Colander Oper	15	15	15	15	0	0	00	00	00
Surveyor Helper, Rod/Chain/Lightkp	491	533	561	603	31	129	20.34	2.62	4.30
Tacker Toggler & Paster	5	4	4	3	0	0	00	00	00
Tanning Drum Oper/Colorer, Hides	22	19	18	15	1	0	00	00	00
*Taper	188	252	295	359	23	75	26.40	8.33	3.40
Taping Mach Oper	15	15	15	15	0	0	00	00	00
Tapper, Metal	20	22	24	26	1	7	25.00	4.54	7.00
*Taxi Driver	279	304	321	346	20	26	8.30	2.63	1.36
Tenoner Oper	66	66	65	65	2	1	1.49	00	50
Tenter Frame Oper	1	1	1	1	0	0	00	00	00
Termite Treater	12	13	13	14	0	1	7.69	00	1.00
Termite Treater Helper	1	1	1	1	0	0	00	00	00
Thread Trimmer	26	29	31	34	2	1	3.57	3.44	50
Tinter, Paints	16	16	16	16	0	2	11.11	00	2.00
*Tire Changer	620	649	669	698	22	140	18.18	1.54	6.66
Tire Fabricator &/or Repair	425	451	468	494	20	12	2.69	1.99	63
Tire Repairer	3	3	3	3	0	6	66.66	00	6.00
Toe Laster	2	2	2	2	0	0	00	00	00
Tower Operator	27	28	29	30	1	0	00	00	00
*Trailer-Rental Attendant	99	108	114	123	5	4	3.77	2.77	80
Transfer Controller	104	101	99	96	3	3	2.83	00	1.00
Treater Petroleum	1	1	2	2	0	0	00	00	00
Treating Engineer	27	29	31	33	2	1	3.44	3.44	50
Tree Surgeon	23	26	28	31	3	7	22.58	3.84	2.33
Trimmer	624	615	608	599	14	50	7.45	32	3.57
Trimmer Mach	10	11	12	13	1	0	00	00	00
Trimmer Plastic	6	7	7	8	0	1	14.28	00	1.00
*Truck Driver	18,512	19,510	20,175	21,173	745	4,507	19.30	1.70	6.26
Tumbler Oper	23	24	24	25	1	1	4.16	00	1.00
Turner Sewn Articles	13	15	17	19	1	0	00	6.66	00
Twister Tender	18	21	22	25	2	0	00	4.76	00
Ultrasonic Mach Oper	3	3	4	4	0	0	00	00	00
Vacuum Plastic Forming Machine Oper	27	29	31	33	2	1	3.44	3.44	50
Variety Saw Oper	222	238	248	264	11	1	4.3	2.10	09
Veneer Clipper, Automatic	348	339	332	323	8	17	4.69	58	2.42
Veneer Drier	264	258	254	248	5	153	36.86	38	30.60
Veneer Jointer Oper	114	111	109	106	3	4	3.41	00	1.33
Veneer Lathe Oper	243	237	232	226	6	21	8.01	42	4.20
Veneer Repairer, Hand	631	614	603	586	12	0	00	81	00
Veneer Repairer, Mach	1,035	1,009	991	965	16	246	19.33	79	16.40
Veneer Sander	159	157	156	154	5	4	2.46	00	80
Vulcanizer Rubber Plate	11	12	13	14	0	0	00	00	00
Warp Typing Mach Tender	1	1	1	1	0	0	00	00	00
*Washer &/or Separator, Food	144	150	154	160	6	16	9.87	1.33	2.66
*Washer Machine &/or Starcher	818	933	1,010	1,125	84	4	4.6	4.07	05
Wax Pattern Worker	201	229	247	275	15	5	2.32	3.93	33
Waxing Mach Oper	11	11	11	11	0	0	00	00	00
Weaver	74	78	81	86	6	7	8.53	1.28	1.16
*Weigher, Production (Ex Recordkeep)	58	61	62	65	3	20	25.31	1.63	6.66
*Welder/Flamecutter	4,200	4,804	5,207	5,811	325	2,366	34.96	4.18	7.63
Wet Mach Tender	12	12	11	11	0	3	20.00	00	3.00
Winder Oper Auto	6	6	7	7	0	0	00	00	00
Winder, Roofing Felt	6	7	7	8	0	0	00	00	00
Wire Weaver	51	58	63	71	3	0	00	3.44	00
Wired, Electronic	117	133	144	161	8	2	1.61	3.75	25
Wood Grinder Operator	59	60	60	61	1	3	4.83	00	3.00
Wood Working Mach Oper	351	366	376	391	15	18	4.81	1.36	1.20
Wrapping Mach Oper	9	9	9	9	0	0	00	00	00
Wringer Mach Oper	5	4	4	3	0	0	00	00	00
Yarn Winder	22	27	31	36	3	2	7.69	7.40	66

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
SERVICE WORKERS	153,313	163,613	170,485	180,797	10,615	17,562	10.07	2.11	1.72
All Other Service Workers	3,082	3,217	3,308	3,443	170	215	6.43	1.39	1.30
Ambulance Driver &/or Attendant	240	261	274	295	17	11	4.26	2.68	.68
Baggage Porter	44	46	47	49	2	1	2.17	2.17	.50
Bailiff	67	66	65	64	1	1	1.47	.00	1.00
Barber	144	143	142	141	7	17	10.55	.00	2.42
Bartender	6,933	7,425	7,752	8,244	381	1,385	16.32	2.20	3.77
Belhop/Baggage Porter	118	129	137	148	6	9	6.87	3.10	1.50
Bootblack	3	3	4	4	1	0	.00	.00	.00
*Checkroom &/or Locker-Room Atten	294	304	311	322	22	5	1.65	.98	.23
Child Care Attendant	752	836	893	977	72	299	27.71	3.34	4.39
*Child-Care Worker	2,175	2,491	2,702	3,018	235	72	3.06	4.21	.32
*Cleaner, Housekeeping	7,345	7,918	8,300	8,873	732	619	7.59	2.41	.90
Cook, Institutional	3,391	3,692	3,893	4,194	261	470	11.86	2.70	1.87
*Cook, Restaurant	5,123	5,474	5,708	6,059	356	1,662	24.07	2.13	4.84
*Cook, Short Order	5,529	5,863	6,086	6,420	367	627	10.00	1.89	1.76
Correction Officer/Jailer	1,103	1,139	1,162	1,198	109	74	6.22	1.05	.72
*Cosmetologist &/or Hairstylist	3,402	3,540	3,631	3,759	186	222	6.04	1.29	1.23
Costumer	7	7	7	7	0	4	36.36	.00	4.00
Costumer, Assistant	35	35	35	35	2	1	2.77	.00	.50
*Counter Attendant, Cafeteria	4,466	4,682	4,826	5,042	254	420	9.47	1.53	1.70
Crossing or Bridge Tender	2	2	2	2	0	3	60.00	.00	3.00
Dental Assistant	2,418	2,730	2,939	3,251	206	253	9.11	3.80	1.29
*Desk Clerk, Bowling Floor	245	229	218	202	5	6	2.43	1.74	1.20
*Detective	140	147	152	160	4	20	12.34	1.36	5.00
*Dining Room Attendant	2,903	3,118	3,261	3,476	111	239	7.43	2.30	2.21
Elevator Operator	29	28	28	27	1	3	9.37	.00	3.00
Escort &/or Chaperson	28	30	32	34	3	4	12.12	3.33	1.33
*Fast Food Prep/Serv Worker	12,779	13,574	14,104	14,899	793	229	1.72	1.95	.29
Fire Fighter	1,929	2,001	2,050	2,122	51	157	7.44	1.19	3.20
Fire Inspector	117	124	129	137	4	7	5.55	1.61	1.75
Fire Officer	632	650	661	679	15	3	4.6	.92	.21
Food Service Worker	1,652	1,680	1,699	1,728	74	183	9.92	5.3	2.50
Funeral Attendant	66	59	54	47	3	1	1.53	1.69	.33
*Guard/Doorkeeper	4,731	4,958	5,109	5,336	497	677	12.34	1.53	1.45
*Guide, Sightseeing	82	93	101	112	10	1	1.14	4.30	.11
Guide, Travel	15	16	17	18	1	3	16.66	.00	3.00
*Host/Hostess	1,385	1,476	1,537	1,629	77	151	9.64	2.03	2.01
*Housecleaner	603	658	695	751	63	113	15.39	2.73	1.91
*Housekeeper	484	534	568	618	45	240	32.38	3.18	5.58
*Instructor, Reducing	429	464	487	522	40	0	.00	2.58	.00
*Janitor/Porter/Cleaner	18,984	19,977	20,640	21,633	1,696	2,175	10.12	1.65	1.36
*Kitchen Helper	11,867	12,687	13,234	14,054	767	1,640	11.90	2.15	2.21
Licensed Practical Nurse	3,902	4,143	4,304	4,546	289	165	3.97	1.93	.58
*Lifeguard	743	841	906	1,004	67	15	1.89	3.92	.23
Make Up Artist	1	1	1	1	0	1	50.00	.00	1.00
Manicurist	35	36	37	39	1	5	12.50	.00	5.00
*Masseur or Masseuse	74	81	85	92	7	5	6.17	2.46	.71
Medical Assistant	1,332	1,504	1,619	1,791	86	157	10.15	3.78	1.89
Medical Lab Assistant	615	663	694	742	34	49	7.20	2.41	1.48
Mortuary Beautician	15	13	12	11	0	1	6.66	.00	1.00
*Nurse Aide/Orderly	11,451	12,765	13,641	14,955	972	1,156	8.86	3.43	1.24
Occupational Therapy Aide	31	33	35	37	2	18	36.00	3.03	9.00
Orthopedic Cast Specialist	20	21	22	24	1	1	4.76	.00	1.00
*Pantry Work & Sandwich/Coffee Maker	1,071	1,143	1,190	1,262	68	52	4.53	2.09	.78
Parking Enforcement Officer	105	103	102	101	2	2	1.88	.00	1.00
Pharmacy Helper	354	362	367	375	17	19	5.05	.82	1.18
Physicians Assistant	266	293	310	337	20	12	4.18	3.07	.60
*Pinchaser	89	83	78	72	2	0	.00	1.20	.00
Police & Detective Supervisor	1,021	1,031	1,038	1,048	20	11	1.06	.29	.55
Police Detective	437	434	432	429	7	9	2.02	.00	1.28
Police Patrol Officer	2,445	2,485	2,512	2,552	55	140	5.38	.52	2.64
Psychiatric Aide	1,209	1,206	1,205	1,202	50	95	7.29	.00	1.90
Railroad Police	3	3	3	3	0	0	.00	.00	.00
*Recreation Facilities Attendant	842	951	1,023	1,132	75	28	3.09	3.78	.40
*Ride Operator	377	442	485	550	40	14	3.38	4.97	.36
School Crossing Guard	17	17	17	17	1	0	.00	.00	.00

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
School Monitor	227	237	243	253	8	0	.00	1.26	.00
*Security Checker	75	79	82	86	3	4	5.00	1.26	2.00
Shampooer	33	34	35	37	1	0	.00	.00	.00
Sheriff	737	722	713	698	10	30	3.93	.55	3.00
*Store Detective	270	286	296	312	10	18	6.14	1.74	2.00
U.S. Marshall	13	13	13	13	0	0	.00	.00	.00
*Usher/Lobby Attend/Ticket Taker	679	675	673	669	12	4	.58	.00	.33
*Veterinary Assistant	253	291	317	355	20	0	.00	4.46	.00
Waiter or Waitress	18,721	20,034	20,910	22,223	1,081	3,303	14.70	2.18	3.16
Wig Dresser	4	4	4	4	0	17	80.95	.00	17.00
*Window Washer	73	78	81	86	7	9	10.71	2.56	1.28
LABORERS	58,521	61,588	63,641	66,715	2,607	16,348	21.45	1.83	6.53
Air Hammer Operator	52	65	74	88	6	5	8.19	6.15	1.00
Airplane Pilot Helper	26	27	28	30	1	3	10.34	.00	3.00
All Other Laborers & Unskilled	20,181	21,513	22,402	23,734	991	4,273	17.16	2.06	4.49
Asbestos & Insul Work Help	22	29	34	41	3	0	.00	6.89	.00
*Asphalt Raker	143	170	188	215	13	0	.00	5.29	.00
Asphalt-Heater Tender	1	1	1	1	0	3	75.00	.00	3.00
Baggage Checker	67	73	78	84	4	4	5.47	2.73	1.00
*Bagger	2,303	2,451	2,550	2,699	128	211	8.23	1.99	1.70
*Bricklayer Helper	91	122	143	175	13	3	2.86	8.19	.25
*Brush Cutter	72	73	73	74	2	29	28.71	.00	14.50
*Cabinet Maker Helper	2	2	3	3	0	0	.00	.00	.00
*Carpenter Helper	382	484	553	655	46	4	.95	7.02	.09
*Cement Mason Help	46	61	70	85	7	0	.00	8.19	.00
Chain Offbearer	4,850	4,732	4,553	4,535	59	640	11.74	.80	11.03
*Chaser	764	771	776	784	17	85	9.98	.25	5.00
*Choke Setter	1,656	1,665	1,670	1,679	36	373	18.35	.18	10.65
*Cleaner, Vehicle	1,107	1,209	1,278	1,380	65	106	8.50	2.81	1.70
Construction Worker 1	0	0	0	0	0	2,016	100.00	.00	2,016.00
Construction Worker 2	0	0	0	0	0	1,182	100.00	.00	1,182.00
Decker Operator	19	19	19	19	0	0	.00	.00	.00
*Deckhand, Fishing Vessel	475	506	526	557	29	164	25.26	1.97	6.07
Dredge Pipe Installer	10	13	15	18	1	0	.00	7.69	.00
Dredge-Dipper Tender	7	9	11	13	1	0	.00	11.11	.00
Electrician Help	6	7	8	9	0	47	88.67	.00	47.00
*Equipment Cleaner, Hand	649	639	632	622	11	17	2.56	.31	1.70
*Faller &/or Bucker	2,251	2,261	2,267	2,277	47	940	29.43	.13	20.43
*Fence Erector	104	117	126	139	7	35	24.47	3.41	5.00
Fish Marker	154	154	155	155	4	0	.00	.00	.00
Furnace Oper./Heater Helper	119	134	143	158	8	4	3.12	3.73	.50
*Gardener/Groundskeeper	3,608	3,887	4,072	4,351	351	847	18.62	2.39	2.59
Ground Helper	101	108	113	120	5	17	14.16	1.85	3.40
*Head Loader	96	96	97	97	2	6	5.88	.00	3.00
Helper, Trades	2,005	2,177	2,291	2,463	112	1,511	42.28	2.61	14.12
Highway Maintenance Worker	1,371	1,381	1,387	1,397	38	285	17.17	.21	7.70
*Hook & Chainer	165	190	206	231	13	32	15.60	4.21	2.96
Kiln Transfer Oper	34	33	33	32	1	1	2.85	.00	1.00
Loader, Tank/Cars/Trucks	593	589	586	582	12	1	.16	.00	.08
Loader, Tank/Trucks	21	24	27	30	2	14	38.88	4.16	7.00
Locker-Plant Attendant	30	33	36	39	2	0	.00	3.03	.00
Log Roller	13	13	12	12	0	0	.00	.00	.00
Lumber Straightener	453	447	443	437	8	578	56.17	.22	72.25
Mold Cleaner, Tire	1	1	2	2	0	0	.00	.00	.00
Offbearer Millwork	1,068	1,064	1,061	1,057	22	1	.09	.00	.04
Order Filler	3,397	3,673	3,856	4,132	149	1,757	33.49	2.50	12.20
Painter Help	38	42	44	48	2	2	4.87	2.38	1.00
*Pipe Layer	379	439	478	538	31	0	.00	4.55	.00
Plasterer Helper	34	44	51	61	4	0	.00	6.81	.00
*Plumber/Pipefitter Helper	86	103	114	131	9	17	15.59	5.82	2.12
Polisher Mold	10	11	11	12	0	0	.00	.00	.00
Pond Worker	384	375	368	359	5	20	4.98	.53	4.00
*Property Handler	89	80	73	64	0	2	2.27	2.50	2.00
*Refuse Collector	681	705	722	746	20	32	4.43	1.13	1.68
*Reinforcing Iron Worker	138	173	197	232	16	3	1.96	6.93	.18
*Rigging Slinger	456	457	457	458	9	0	.00	.00	.00
*Roofing Help	126	135	142	151	6	0	.00	2.22	.00

Occupational Title	1983	Employment 1986	1988	1991	Openings 1986	Unemployed 1984	Unemployment Rate 1984	Growth Rate	Unemployed Over Openings
Sampler/Test Preparer	14	15	15	16	0	8	36.36	.00	8.00
*Second Loader	62	62	53	63	1	0	.00	.00	.00
Section Leader & Machine Setter	6	6	7	7	0	1	14.28	.00	1.00
*Septic Tank Serv. Sewer Pipe Cleaner	82	92	99	110	5	4	4.49	3.26	.80
Setter/Drawer	21	24	26	29	2	1	4.34	4.16	.50
Shake-Out Worker	83	95	104	116	6	1	1.13	4.21	.16
Signaller	12	12	13	13	0	58	82.85	.00	58.00
Stacker Oper. Kiln	209	204	201	197	3	4	1.89	.49	1.33
*Stock Clerk, Sales Floor	4,374	4,678	4,880	5,184	173	266	5.61	2.15	1.58
Stripper Rubber	6	9	12	15	1	0	.00	11.11	.00
Tile Setter Helper	22	30	36	44	4	0	.00	10.00	.00
Track Layer	3	3	3	3	0	18	85.71	.00	18.00
*Tree Planter	1,464	1,534	1,581	1,651	62	213	12.52	1.49	3.55
Tree Trimmer	98	113	124	139	8	15	12.71	4.42	1.87
*Truck Driver Helper	296	308	317	329	12	52	14.77	1.29	4.72
Veneer Drier Feeder	781	761	747	727	10	437	36.08	.78	48.55
Work Distributor	52	55	58	61	2	0	.00	1.81	.00
FARM WORKERS	12,517	11,916	11,517	10,916	267	2,068	14.37	2.03	7.77
All Other Farm Workers	1,803	1,667	1,576	1,440	25	949	35.05	2.63	36.50
*Animal Caretaker	793	869	919	995	61	144	14.96	2.87	2.48
*Dairy Worker	923	853	807	737	13	123	12.02	2.57	8.78
*Farm Equipment Operator	2,695	2,512	2,391	2,208	10	196	6.92	2.38	17.81
*Field Crop Worker	946	913	891	858	28	48	4.88	1.09	1.77
*Irrigation Worker	976	902	853	779	13	20	2.05	2.66	1.42
*Livestock Handler	1,542	1,425	1,348	1,231	21	282	15.79	2.66	12.81
*Nursery or Greenhouse Worker	1,860	1,859	1,859	1,858	77	240	11.42	.00	3.24
*Poultry Worker	387	358	338	309	6	18	4.55	2.51	3.00
Pruner, Trees/Vines/Canes	244	233	225	214	7	27	10.11	1.28	3.85
*Vegetable Crop Worker	348	325	310	287	6	21	5.81	2.15	3.00
TOTAL	985,609	1,046,865	1,087,790	1,149,159	56,734	125,127	11.06	2.09	2.29

* Occupation has high turnover



APPENDIX



OREGON INDUSTRIES WITH EXPORT RELATED EMPLOYMENT 1984

SIC	Industry Title	LQ	Export Related Employment	SIC	Industry Title	LQ	Export Related Employment
243	Millwork/Plywood/Structural Members	11 00	23 290	276	Manifold Business Forms	1 63	318
242	Sawmills & Planing Mills	10 71	20 546	614	Personal Credit Institutions	1 14	301
241	Logging Camps & Logging Contractors	14 13	11 934	344	Fabricated Structural Metal Products	1 06	274
581	Eating & Drinking Places	1 19	10 788	513	Apparel, Piece Goods & Notions	1 14	272
203	Preserved Fruits & Vegetables	5 07	9 946	811	Legal Services	1 04	271
382	Measuring & Controlling Devices	4 56	9 276	556	Recreation & Utility Trailer Dealers	2 37	266
421	Trucking, Local & Long Distance	1 34	4 356	549	Misc Food Stores	1 65	265
531	Department Stores	1 17	3 391	541	Grocery Stores	1 01	246
514	Groceries & Related Products	1 41	3 049	444	Transportation on Rivers & Canals	2 44	245
503	Lumber & Construction Materials	2 28	2 749	472	Arrangement of Transportation	1 13	239
249	Misc Wood Products	4 13	2 568	271	Newspapers	1 05	232
333	Primary Nonferrous Metals	5 46	2 407	353	Construction & Related Machinery	1 08	214
262	Paper Mills, Except Building Paper	2 25	2 303	383	Optical Instruments & Lenses	1 59	211
367	Electronic Parts & Accessories	1 31	2 192	526	Retail Nurseries & Garden Stores	1 31	204
332	Iron & Steel Foundries	2 30	2 052	379	Misc Transportation Equipment	1 37	201
551	New & Used Car Dealers	1 24	2 014	295	Paving & Roofing Materials	1 70	195
801	Offices of Physicians	1 21	1 998	633	Fire, Marine & Casualty Insurance	1 04	194
802	Offices of Dentists	1 44	1 953	355	Special Industry Machinery	1 11	192
491	Electric Services	1 38	1 723	562	Women's Ready-To-Wear Stores	1 05	191
554	Gasoline Service Stations	1 28	1 692	572	Household Appliance Stores	1 20	172
501	Motor Vehicles & Automotive Equipment	1 38	1 689	527	Mobile Home Dealers	1 49	158
263	Paperboard Mills	3 19	1 331	559	Automotive Dealers, NEC	2 46	139
651	Real Estate Operators & Lessors	1 24	1 237	671	Holding Offices	1 17	138
596	Nonstore Retailers	1 14	1 115	144	Sand & Gravel	1 37	134
594	Misc Shopping Goods Stores	1 15	1 085	732	Credit Reporting & Collection	1 17	134
245	Wood Buildings & Mobile Homes	2 30	1 014	495	Sanitary Services	1 20	124
805	Nursing & Personal Care Facilities	1 08	964	783	Motion Picture Theaters	1 09	103
553	Auto & Home Supply Stores	1 31	963	615	Business Credit Institutions	1 23	102
508	Machinery, Equipment & Supplies	1 06	880	769	Misc Repair Shops	1 05	98
753	Automotive Repair Shops	1 19	845	161	Highway & Street Construction	1 03	78
808	Outpatient Care Facilities	1 36	728	803	Offices of Osteopathic Physicians	1 25	76
833	Job Training & Related Services	1 47	683	442	Deep Sea Domestic Transportation	1 40	61
342	Cutlery, Hand Tools & Hardware	1 44	681	471	Freight Forwarding	1 10	60
205	Bakery Products	1 29	648	478	Misc Transportation Services	1 40	58
832	Individual & Family Services	1 25	639	394	Toys & Sporting Goods	1 04	45
612	Savings & Loan Associations	1 17	589	517	Petroleum & Petroleum Products	1 02	44
804	Offices of Other Health Practitioners	1 37	588	142	Crushed & Broken Stone	1 36	34
636	Title Insurance	2 14	570	555	Boat Dealers	1 12	34
632	Medical Service & Health Insurance	1 33	535	518	Beer, Wine & Distilled Beverages	1 02	32
446	Water Transportation Services	1 47	506	557	Motorcycle Dealers	1 09	27
483	Radio & TV Broadcasting	1 20	489	422	Public Warehousing	1 02	19
593	Used Merchandise Stores	1 63	479	673	Trusts	1 07	14
415	School Buses	1 52	478	679	Misc Investing	1 05	14
573	Radio, TV & Music Stores	1 22	471	598	Fuel & Ice Dealers	1 01	11
893	Accounting, Auditing & Bookkeeping	1 11	448	544	Candy, Nut & Confectionery Stores	1 03	9
519	Misc Nondurable Goods	1 10	446	452	Noncertificated Air Transportation	1 02	6
701	Hotels, Motels & Tourist Courts	1 03	389	702	Rooming & Boarding Houses	1 06	5
723	Beauty Shops	1 11	368	764	Reupholstery & Furniture Repair	1 02	5
209	Misc Food & Kindred Products	1 21	360	148	Nonmetallic Minerals Services	1 31	3
223	Weaving & Finishing Mills, Wool	2 92	356	763	Watch, Clock & Jewelry Repair	1 02	1

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DEFINITIONS OF KEY (ASTERISKED) OCCUPATIONS

Able Seaman	On ship, stands watch at bow or on wing of bridge to look for obstructions in path of vessel. Measures water depth. Turns wheel on bridge or uses emergency equipment as directed by Mate. Breaks out, rigs, and overhauls and stores cargo-handling gear, stationary rigging, and running gear. Paints and chips rust on deck or ship's structure. Must hold government-issued certification. When working aboard liquid carrying vessels, must hold tankerman certification.
Accountant/Auditor	Examines, analyzes, and interprets accounting records. Offers advice or prepares statements and installs or advises on systems of recording costs or other financial and budgetary data.
Accounting Clerk	Performs a variety of routine calculating and posting duties to accomplish accounting.
Actor or Actress	Portrays role in dramatic production to interpret character or present characterization to audience.
Aircraft Mechanic	Inspects, services, repairs, and overhauls aircraft engines, airframes, and aircraft components.
Airplane Pilot	Pilots airplanes for the transportation of passengers, freight, mail, and other cargo. Includes helicopter pilot.
Alteration Tailor	Alters clothing to fit customers or repairs defective garments.
Animal Caretaker	Feeds, waters, grooms, exercises, and otherwise cares for animals in zoos, circuses, pounds, laboratories, animal hospitals, aquaria, kennels, or stables. Cleans and repairs cages, pens, or fish tanks. May administer tests to experimental animals or treat sick or injured animals.
Announcer	Introduces radio or television programs. Interviews or questions guests. May act as master of ceremonies. Reads news flashes. Identifies station by giving call letters.
Appraiser, Real Estate	Appraises improved or unimproved real property to determine its value for purchase, sale, investment, mortgage, or loan purposes.
Asbestos & Insulation Wkr	Performs duties concerned with covering and lining structures with asbestos, cork, canvas, tar paper, magnesia, and related materials, using, saws, knives, rasps, trowels, and other tools and implements.
Assembler	Assembles and/or fits together parts to form complete units or subassemblies at a bench, conveyor line, or on the floor. Work may involve use of hand tools, power tools, and special equipment in order to carry out fitting and assembly operations. Workers who perform specialized operations exclusively are not included.
Athlete	Participates in competitive athletic events; plays games or engages in sport according to established rules. Trains for part by physical exercise and practice.
Automotive Mechanic	Repairs and overhauls automobiles, buses, trucks, and other automotive vehicles.
Baggage Checker	Receives from and/or returns baggage to passengers at terminal; inspects tag on baggage to insure that baggage is routed to proper destination; may load and store passenger and freight baggage.
Bagger	Bags groceries in sack or carton and carries or pushes them in cart to customer's car.
Baker Bread	Prepares and bakes bread, rolls, muffins, biscuits, cakes, pies, cookies, and puddings according to recipe by measuring and mixing ingredients, shaping and molding dough into desired shapes, placing pans of dough in oven, etc.
Barber	Provides barbering services, including cutting, trimming, shampooing, and styling hair. Also gives shaves and shapes contour of hair line. May sell lotions, tonics, and other cosmetic supplies.
Bartender	Mixes and serves alcoholic and nonalcoholic drinks to patrons.
Bindery Worker, Assembly	Performs one or several bindery operations at a table, bench, or on a conveyor line. Duties may include assembling of loose-leaf or spiral devices, pasting or gluing book pages, and gathering or inserting pages to form pamphlets, small books, and catalogs.
Biological Science Tech	Assists biological scientists in routine functions.
Biological Scientist	Conducts and evaluates research on problems dealing with life processes. Includes pathologists, microbiologists, pharmacologists, bacteriologists, toxicologists, and zoologists.
Body Repairer, Automotive	Repairs damaged bodies and body parts of automotive vehicles.
Bodymaker Oper, Tin Can	Feeds, slits, and tends bodymaker unit (rimslitter). Feeds body blanks into can-making unit. Makes minor adjustments. Clears jams. Tends solder bath and solder rolls.

Bone, Meat	Cuts bones from standard cuts of meat such as chucks, hams, rounds, etc., to prepare them for packing and marketing.
Bookbinder, Machine	Operates (may also set-up) one or more semi- or fully-automatic bindery machines according to job specifications. May make minor repairs on machine(s). May direct plant and bindery workers in the feeding of machines, filling of hoppers or off-bearing of product from the machine. Work normally requires an apprenticeship program (usually more than two years) or equivalent experience and training more extensive than that of Bindery Worker, Assembly.
Bookkeeper	Keeps record of financial transactions of establishment or keeps one section or set of financial records.
Braker	Inspects equipment, such as couplings, airhoses, journal boxes, and handbrakes, to insure that they function properly; throws switches, couples or attaches cable to cars being hauled by locomotive or hoisted by cable or chain to load or unload cars or to make or break up trains. May assist passengers in boarding and leaving train.
Brick Layer	Installs building materials, such as bricks, structural tile, concrete, cinder, glass, gypsum, and terra cotta block to construct or repair walls, partitions, arches, sewers, and other structures.
Broadcast Tech	Sets up, operates, and maintains the electronic equipment used to transmit radio and television signals.
Bus Driver	Drives bus to transport passengers over specified routes. Assists passengers with baggage and collects tickets or cash fares.
Bus Driver, School	Transports pupils between pick up points and school. Maintains order during trip and adheres to safety rules when loading and unloading pupils.
Butcher, All Around	Prepares meats and fowl for sale by sectioning, cutting, and trimming with knives, saw, and cleaver. Chops or grinds meats and fowl to section them for sale by cut, shapes and ties roasts, hams, etc.
Butcher/Meat Cutter (Exc Manuf)	Cuts and prepares meats for cooking or sale.
Buyer, Wholesale/Retail Trade	Buys merchandise for one or more selling departments. Analyzes past buying and selling records, considers current fashion and market trends, forecasts sales and inventory levels, and prepares plans for buying merchandise.
Camera Operator	Operates a process camera and related darkroom equipment to produce negatives or positives from which printing plates will be made.
Cannery Worker	Performs a variety of routine tasks in canning, freezing, preserving, or packing food products. Duties may include sorting, grading, washing, peeling, pitting, trimming, or slicing agricultural produce.
Captain, Water Vessel	Commands vessels such as tugboat, ferryboat, or dredge which travel into and out of harbors, estuaries, straits, sounds, rivers, lakes, bays, and oceans. Must hold license issued by U.S. Coast Guard.
Car Rental Clerk	Rents automobiles to customers at hotels and transportation stations. Examines driver's license of customer, and determines amount of deposit required. Quotes cost of rental based on per-day and per-mile rates. Completes rental contract and obtains customer's signature and deposit. Telephones rental office to request delivery of automobile.
Carpenter	Makes or repairs wooden structures, structural members, fixtures, and equipment, using carpentry tools and woodworking machines.
Carpenter Helper	Assists one or more skilled Carpenters, by performing specific or general duties of lesser skill, such as keeping a worker supplied with materials and tools; cleaning working area, machine, and equipment; assisting craft worker by holding materials or tools, and performing other unskilled tasks as directed by craft worker. Excludes workers, such as laborers, whose duties are limited or restricted to one type of activity or who do not assist another worker.
Carpet Cutter &/or Layer	Measures, marks, cuts, and installs carpet, rugs, and linoleum.
Case Worker	Counsels and aids individuals and families requiring social service assistance.
Cashier	Receives and disburses money in establishments other than banks. Usually involves use of adding machines, cash registers, and change makers.
Caster, Pottery & Porcelain	Casts pottery and porcelain ware in plaster-of-paris molds.
Ceiling Tile &/or Floorlayer	Applies blocks, strips, or sheets of shock absorbing, sound deadening, or decorative covering to floors, walls, ceilings, and cabinets.
Cement Mason	Finishes surfaces of freshly poured concrete walls, roads, walkways, and curbs to specified textures. Uses hand tools including floats, trowels, and screeds.
Central Office Operator	Operates telephone switchboard to establish or assist customers in establishing, local or long-distance telephone connections.

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APPENDIX

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Central Office Repairer	Tests and repairs telephone circuits and equipment in central office of telephone company.
Chain Offbearer	Pulls graded lumber from conveyor and sacks it in racks according to species, grade markings, and dimension.
Chaser	Unhooks chokers from logs brought to landing by high-lead yarder or tractor.
Chauffeur	Drives automobile, limousine, and/or mortuary vehicle. May have additional duties regarding cleaning and maintenance of vehicle.
Chemical Operator A	Controls or operates one or more equipment units or a system of units performing intermediate or final operations involving chemical changes or reactions in the processing of industrial or consumer products. May direct the activities of other workers assisting in the control or verification of a process. Operators of equipment which only performs a function which is auxiliary to the chemical process, such as preparing the materials, milling, pumping, etc. are not included.
Chemist	Conducts chemical tests, analyses, and experiments in laboratories concerning quality or process control or to develop new products or new knowledge.
Chief Exec, Gen Admin & Legis	Formulates government policy and is concerned with the overall administration of state or local government. Develops laws, rules, and regulations and participates in the work of legislative bodies of state or local government.
Chief Operator, Chemicals	Controls chemical process equipment from instrumented control board or other control station. Monitors instruments and moves controls or directs chemical operators or helpers to make control adjustments. Confers with technical and supervisory personnel to report or resolve conditions affecting safety, efficiency and product quality.
Child Care Attendant	Cares for child or group of children in home or business establishment.
Child-Care Worker	Serves and assists children in their daily activities and needs in institutions, special schools, day-care centers, or nursery schools.
Chiropractor	Adjusts spinal column and other parts of the body to correct abnormalities believed to be caused by interference with the nervous system.
Choke Setter	Fastens chokers around logs before yarding them from falling and bucking area to storage or loading landing.
Circulation Clerk	Compiles records concerned with city or mail order distribution of newspapers or magazines to subscribers, carriers or dealers and adjusts complaints.
Civil Engineer	Performs a variety of engineering tasks including planning, designing, and overseeing construction and maintenance of structures and facilities such as roads, railroads, airports, bridges, harbors, channels, dams, irrigation projects, pipelines, power plants, and water and sewage systems.
Claim Adjuster	Investigates loss and damage claims filed in conjunction with insurance policy.
Claim Examiner, LI/Acd/Hlth	Analyzes insurance claims to determine extent of company's liability. Also, settles claims with claimants in accordance with policy provisions.
Claims Clerk	Obtains claims information from insured or designated persons to settle claims with insurance carrier.
Claims Taker, Unemployment Benefit	Interviews unemployed workers and compiles data to determine eligibility for unemployment benefits.
Cleaner, Housekeeping	Cleans rooms and halls in such establishments as hotels, motels, restaurants, clubs, depots, beauty parlors, and dormitories performing duties such as sweeping and mopping floors, vacuuming, dusting, washing walls, and sorting linens.
Cleaner, Vehicle	Cleans interior and exterior of transportation vehicles, such as automobile and buses. Washes automobiles or vehicles, sweeps and cleans interiors of the vehicles; may polish automobile body.
Clerical Supervisor	Supervises and coordinates activities of workers engaged chiefly in one type of clerical function such as typing, filing, bookkeeping, tabulating data, etc. May assume responsibility for completion of work assignments by clerical force being supervised and for the accuracy of completed assignments.
Coater, Roofing Felt	Tends or operates machine that saturates rolls of untreated roofing felt with hot liquid asphalt; applies colored slate granules and powdered mica to saturated roofing felt; coats asphalt saturated roofing felt with asphalt-lime mix; or coats rolls of roofing felt with asphalt, slate, tar, or other substances.
Coin Machine Servicer	Installs, services, adjusts, and repairs coin or vending machines placed in establishments on a concessional basis.
Collector	Collects on overdue accounts, traces addresses of customers changing residences without notification. Collects money from coin boxes.
Commercial Artist	Design and produces layouts and illustrations to promote consumption of materials, products, or services and to influence others in their opinions of individuals or organizations.

Community Organization Worker	Plans, organizes, and works with community groups concerned with social problems of community. Stimulates, promotes, and coordinates agencies, groups, and individuals to meet identified needs. Studies and assesses strength and weakness of existing resources. Interprets needs, programs and services to agencies, groups, and individuals involved and provides leadership and assistance.
Compression/Injection Molding Oper	Operates and/or tends compression or injection molding machines to mold plastics, such as thermosetting or thermoplastic materials into plastic products. May install dies, set temperature controls, and operate loading and casting mechanisms.
Compressor, Drugs	Sets up and operates machine to compress granulated ingredients into tablet form.
Computer Operator	Monitors and controls electronic computer to process business, scientific, engineering, and other data.
Cook &/or Cooker	Tends or operates cooking equipment to prepare or process food products. Excludes Retort Operators who control retort chambers to cook canned foods.
Cook, Institutional	Prepares and cooks family-style meals for institutions such as schools, hospitals, or cafeterias. Usually prepares meals in large quantities rather than to individual order. May cook for employees of office building or other large facility.
Cook, Restaurant	Prepares, seasons, and cooks soups, meats, vegetables, desserts and other foodstuffs in restaurants. May order supplies, keep records and accounts, price items on menu, plan menu, etc.
Cook, Short Order	Prepares and cooks to order all types of food requiring only a short preparation time. May take order from customer and serve patrons at counters or tables. May prepare specialty foods such as pizzas, fish and chips, and tacos. May be designated according to type of food prepared, such as hamburger fry cook, pizza cook, or sandwich maker. Additional duties may include carving meats, making sandwiches, and brewing coffee.
Correction Officer/Jailer	Guards inmates in penal institution. May guard prisoners in transit between jail, courtroom, prison, or other points, traveling by automobile or public transportation, and may be designated guard or deputy.
Cosmetologist &/or Hairstylist	Provides beauty services for customers. Suggests hair styles. Styles, cuts, trims, shampoos, bleaches, and dyes hair. Applies lotions and creams to customer's face and neck. Performs other services such as giving massages and polishing nails.
Cost Estimator	Prepares cost and work completion estimates for engineering contract bids. Computes cost estimates of raw materials, equipment, or subcontracted work and labor.
Counter Attendant, Cafeteria	Serves food to diners at counter or from a steam table.
Counter Clerk	Receives articles and/or orders for services such as laundering and dry cleaning, printing, repair, and storage. May also care for establishment, such as launderette.
Crane, Derrick & Hoist Operator	Operates various kinds of cranes and hoists to lift, move, and load materials, machines, and products.
Credit Analyst	Analyzes credit data to estimate degree of risk involved in extending credit or lending money to firms or individuals, and prepares reports of findings.
Credit Clerk	Processes applications of individuals applying for loans and credit.
Credit Reporter &/or Investigator	Investigates history and credit status of individuals or business establishments applying for credit, employment, or insurance. Prepares reports for customers or subscribers.
Curator, Museum	Administers affairs of museum and conducts scientific research programs. Directs activities concerned with instructional, research, and public service objective of institutions.
Curriculum Specialist	Develops curriculums in specialized fields to provide guidance to instructors in conducting course of study for students.
Customer Service Representative	Interviews applicants for water, gas, electric, or telephone service. Talks with customer by phone or in person and receives orders for installation, turn-on, discontinuance, or change in services.
Dairy Processing Equip Oper	Sets up and operates continuous flow or vat-type equipment to process milk, cream, and other dairy products, following specified methods and formulas.
Dairy Worker	Performs any combination of the following tasks on a dairy farm: washes and sprays cows with water, insecticides, and repellants; flushes, brushes, and scrapes refuse from walls and floors to minimize infestation; weighs, loads, mixes, and distributes feed.
Dance Instructor	Instructs pupils in ballet, ballroom, tap, and other forms of dance. Observes students to determine physical and artistic qualifications. Explains and demonstrates techniques and methods of regulating movement of body and feet to musical accompaniment.

Dancer	Performs dances alone, with partner, or in groups to entertain an audience. May sing and provide other forms of entertainment.
Deckhand, Fishing Vessel	Performs any combination of following duties aboard fishing vessel: stands as lookout, steering, and engine room watches. Attaches nets, slings, hooks, and other lifting devices to cables, booms, and hoists. Loads equipment and supplies aboard vessel. Rows boats and dinghies and operates skiffs to transport fishers and to tow and position nets. Attaches accessories, such as floats, weights, and markers to nets and lines. Removes fish from nets and hooks. Sorts and cleans marine life and returns undesirable and illegal catch to sea. Places catch in containers and covers with salt or ice. May wash deck, conveyors, knives, and other equipment. May lubricate, adjust and make minor repairs to engine and equipment.
Delivery Driver & Route Worker	Drives truck or other vehicle to deliver, sell, pick-up, and display merchandise. Operates within a specified area or over an established local route. May solicit new business. May collect money for items delivered.
Dental Assistant	Assists dentist at chair, sets up patient and equipment, keeps records, and performs related duties.
Dental Hygienist	Performs dental treatments and instructs groups and individuals in care of the teeth and mouth.
Dental Laboratory Technician	Constructs and repairs dental appliances, according to dentist's or orthodontist's direction.
Dentist	Diagnoses and treats diseases, injuries, and malformations of teeth and gums.
Designer	Designs and/or arranges objects and materials for artistic or decorative effect to promote apparel or other commercial items and for the interiors of houses, commercial establishments, or institutions. May also create or draw designs for items such as furniture and machinery.
Desk Clerk, Bowling Floor	Assigns bowling alleys to patrons and collects fees. Reserves alleys for bowling league or individuals. Issues scoresheets and alley numbers to patrons. Records number of games played and receipts collected. Rents bowling shoes to patrons.
Diesel Mechanic	Repairs and maintains diesel engines used to power autos, buses, trucks, ships, electric generators, and construction machinery.
Dining Room Attendant	Performs any combination of the following duties: carries dirty dishes, sets tables with silverware and glassware, replenishes clean linen, silverware, glassware, and dishes. Supplies service bar with food. May help serve patrons.
Dispatcher, Vehicle Service/Work	Dispatches buses, taxis, trucks, and other motor vehicles for conveyance of freight or passengers. Dispatches work crew or service workers for normal installation, service, or emergency repairs.
Drafter	Prepares working plans and detail drawings from rough or detailed sketches or notes for engineering or manufacturing purposes.
Drill Press & Boring Mach Oper	Pierces metal by means of rotary cutting tools advanced into the material in the direction of tool's axis to make, enlarge, or thread holes. May set up as well as operate machine.
Dry Cleaning Machine Oper	Operates drycleaning machine to clean garments, drapes, and other materials that cannot be washed in water without shrinkage or damage to fabrics, utilizing knowledge of cleaning processes, fabrics, and colors to determine procedure.
Dry-Wall Applicator	Applies plasterboard and wallboard to ceiling and interior walls of buildings. Seals joint and prepares wall surfaces for painting or papering.
Electric Motor Repairer	Repairs electric motors, generators, and accessory equipment. Uses hand tools, power tools, precision gauges, and electrical test instruments. Disassembles motor and tests armature and other parts for wear. Rewinds armatures, stators, and field coils.
Electrical/Electronic Assembler	Assembles or modifies prototypes of electrical or electronic equipment, such as control systems, radio and test equipment, computers, machine tool numerical controls, radar and sonar, telemetering systems, appliances, etc.
Electrical/Electronic Engineer	Designs components, semi-conductors and other solid-state devices, systems, facilities, and/or machinery used in generation, transmission, and utilization of electrical energy.
Electrical/Electronic Tech	Constructs, repairs, tests, installs, modifies, operates, or designs a variety of production or experimental electrical or electronic equipment.
Electrician	Installs, maintains, and repairs wiring, electrical equipment, and fixtures. Insures that work is in accordance with established codes.
Electro-Mechanical Assembler	Assembles, tests, and prepares electro-mechanical equipment or devices, such as servomechanisms, gear trains, gyros, dynamometers, ejection seat mechanisms, wave guides, magnetic drums, tape drives, punched-card reading devices, brakes, control linkage, actuators and gearbox mechanisms according to specifications. This occupation requires specific vocational or on-the-job training of more than 30 days.

Electronic Mechanic	Repairs electronic equipment, such as industrial controls, radar systems, transmitters, antennas, and servomechanisms, following blueprints and manufacturers' specifications.
Electroplater	Sets up, operates, or tends plating equipment to coat metal or plastic objects electrolytically with metal to provide protective or decorative surfaces or to build up worn surfaces. Work may involve pickling or other cleaning of the object in preparation for electrolysis.
Eligibility Worker, Welfare	Processes initial applications for welfare, determines continuing eligibility by client affidavit and, with the aid of a computer, determines grant amounts.
Embalmer	Prepares bodies for burial.
Emergency Medical Technician	Administers first aid treatment and transports sick or injured persons to medical facility, working as a member of a emergency medical team.
Employment Interviewer	Interviews job applicants, searches application files, notifies selected applicants of job openings, and refers qualified applicants to prospective employers.
Extruder Oper, Plastics/Rubber	Operates machine to extrude thermoplastic materials or rubber stock in various forms such as tubes, rods, or film. May set up as well as operate machines.
Faller &/or Bucker	Fells and/or saws trees into specified log lengths, using power chainsaw.
Farm Equipment Mechanic	Maintains, repairs, and overhauls farm machinery and vehicles such as tractors, harvesters, pumps, tillers, trucks, and other equipment, on farms or in farm equipment repair shops.
Farm Equipment Operator	Drives farm equipment to till soil and to plant, cultivate, and harvest crops.
Fast Food Prep/Serv Worker	This worker is employed in a restaurant whose menu is limited to a few primary items such as hamburgers, roast beef or chicken. The worker's duties are rotated between counter service and kitchen duties in such a way that any one worker will perform all or most duties and operate all or most equipment over a period of time.
Field Crop Worker	Plants, cultivates, and harvests field crops, such as hay, grain, seed, and sugar beets, working as a crew member, using hand tools only, and according to instructions from supervisor.
File Clerk	Files correspondence, cards, invoices, receipts, and other records in alphabetical or numerical order. Locates and removes material from file when requested. May be required to classify and file new material.
Filer/Grinder/Buffer/Cleaner	Files, grinds, buffs, chips, cleans, and polishes metal parts or objects other than by the use of production machines.
Finisher, Pottery & Porcelain	Trims and smooths edges and surfaces of greenware preparatory to bisque firing.
Fire Fighter	Controls and extinguishes fires, protects life and property, and maintains equipment as a paid volunteer or as an employee of a city, township, or state.
Fish Cleaner &/or Butcher Fish	Cleans and butchers fish performing any combination of tasks, alone or as a member of a crew, such as scraping, eviscerating, cutting, and washing.
Fish Marker	Catches and marks salmon migrating to ocean: raises catching net with power crane from across gateway of fish ladder at dam site. Dumps fish in holding bins and selects fish to be marked. Measures selected fish and marks with hand-operated branding device. Releases fish both above and below dam and records information.
Folder, Laundry	Folds fluff-dried or presses laundry such as shirts, towels, uniforms, and jackets.
Food Service Worker	Includes workers whose duties are related to preparing and serving food and beverages and are not exclusively in one area.
Forest Conservation Worker	Develops, maintains, and protects forest woodlands through such activities as raising and transplanting tree seedlings, locating and combating fires, pests, and disease harmful to trees, and controlling erosion and leaching of forest soil.
Forester & Conservation Scientist	Plans, develops, and controls factors affecting forests for economic and recreational purposes. Is involved in activities such as researching soil erosion, conducting fire-prevention programs, and reforestation.
Fruit & Nut Crop Worker	Plants, cultivates, and harvests trees, fruits, and nuts. May till soil, plant stock, and remove suckers and runners from vines and plants using tools. May spray plants with prescribed herbicides, fungicides, and pesticides to control diseases and insects.
Funeral Attendant	Performs a variety of tasks during a funeral, such as escorting mourners, arranging floral offerings and lights around casket, and storing funeral equipment.
Furnace Installer/Repairer	Installs and repairs hot-air furnaces, heating stoves, and similar equipment.

Furniture Finisher	Finishes or refinishes damaged, worn, or used furniture or new high-grade furniture to specified color or finish, utilizing knowledge of wood properties, finishes, and furniture styling.
Furniture Upholsterer	Repairs and rebuilds upholstered furniture, using hand tools, and knowledge of fabrics and upholstery methods.
Gardener/Groundskeeper	Maintains public or private property by mowing, trimming, planting, watering, fertilizing, digging, raking, and sweeping. May also paint or repair fences, benches, walks, or driveways, and/or shovel snow. May plan and execute small-scale landscaping operations.
Gas Station Attendant	Serves automobiles, buses, trucks, and other automotive vehicles with fuel, lubricants, and accessories. May lubricate vehicle and change motor oil, replace lights or other accessories such as windshield-wiper blades or fan belts, or install anti-freeze. May repair or replace tires. Collects payment for services and supplies.
General Clerk	Is assigned clerical duties in accordance with the office procedures of individual establishments. May include a combination of bookkeeping, typing, stenography, office machine operation, etc.
Glazier	Installs glass in windows, skylights, store fronts, and display cases.
Graduate Assistant	Assists department chairman, faculty members or other professional staff member in college or university, providing services such as assisting in library, developing teaching materials, preparing and giving examinations, and teaching lower-level classes.
Guard/Doorkeeper	Stands guard at entrance gate or walks about premises of business or industrial establishment to prevent theft, violence, or infractions of rules. Guards property against fire, theft, vandalism, and illegal entry. Directs patrons or employees and answers questions about services of establishment. Controls traffic to and from buildings and grounds.
Hand Compositor	Sets type by hand and assembles type and cuts in a galley for printing articles, headings, and other printed matter determining type size, and compositional pattern from work order.
Heavy Equipment Operator	Operates several types of power construction equipment, such as compressors, pumps, shovels, tractors, scrapers, or motor graders used to excavate, grade earth, pour concrete, etc.
Helper, Trades	Assists one or more workers in the skilled trades by performing specific or general duties of lesser skill, such as keeping a worker supplied with materials and tools; cleaning working area, machinery, and equipment; assisting craft worker by holding materials or tools; and performing other unskilled tasks as directed by craft worker. Exclude workers, such as laborers, whose duties are limited or restricted to one type of activity or who do not assist another worker.
Highway Maintenance Worker	Maintains highways, municipal and rural roads, airport runways, and rights of way in a safe condition. Work also includes patching broken or eroded pavement and erecting and repairing guard rails, highways markers, and snow fences.
Housecleaner	Supervises work activities of cleaning personnel to insure clean, orderly, attractive rooms in hotels, hospitals, educational institutions, and similar establishments. Assigns duties, inspects work, investigates complaints regarding housekeeping service and equipment, and takes corrective action. May purchase housekeeping supplies and equipment, and take periodic inventories. May screen applicants, train new employees, and recommend dismissals.
Household Appliance Repairer	Installs or repairs household appliances such as refrigerators, washing machines, stoves, and television receiving sets.
Industrial Truck Operator	Drives gasoline or electrically powered industrial truck or tractor. Vehicles may be equipped with a forklift, elevating platform, or trailer hitch, and may be used to push, pull, lift, stack, or tier merchandise, equipment, or materials at a warehouse, storage yard, factory, or construction site.
Inserting &/or Labeling Mach Oper	Sets up and operates machine which removes preprinted labels from backing and affixes them in proper place and/or sets up and operates machine which inserts printed matter into folders or envelopes.
Inspector	Inspects parts, products, or materials before, during, or after processing. Performs such operations as examining parts, products, or materials for flaws and defects and checking dimensions and appearance to determine whether they meet the required standards and specifications.
Installer/Repairer/Section Maintnr	Analyzes defects in communication equipment such as telephone switchboards and teletypewriters. Locates and corrects malfunctions. May install equipment.
Instructor, Reducing	Instructs clients and/or members in the use of barbells, reducing machines, and various other equipment for the purpose of weight gaining, losing, or control. Aids and assists clients and/or members in the cooling and hot rooms and reducing salon.
Insurance Clerk, Medical	Verifies hospitalization insurance coverage and computes benefits for patients in hospitals, clinics, and other medical facilities.



APPENDIX



Irrigation System Installer	Installs pipe, pumps, and electrical controls to operate irrigation system. Reads blueprints to determine location of pipe and controls. Digs trench with trenching machine and lays pipe and then backfills trench. Sets controllers and tests system to make sure it is operating properly.
Irrigation Worker	Lay outs, connects, and observes the operation of pipe and sprinkler systems to ensure uniform distribution of water to agricultural fields.
Janitor/Porter/Cleaner	Keeps building clean and orderly. May have additional duties and responsibilities, such as tending furnace and boiler, performing routine maintenance activities, and notifying management of needed repairs.
Judge	Arbitrates, advises, and administers justice in a court of law. Sentences defendant in criminal cases, on conviction by jury, according to statutes of state or federal government or determines liability of defendant in civil cases.
Key Punch/Data Entry Oper	Operates a keypunch machine to record or verify alphabetic and/or numeric data on cards, disc, or tape.
Kitchen Helper	Keeps kitchen work areas, restaurant equipment, and utensils clean and orderly.
Lab Technician, Veterinary	Prepares vaccines, biologicals, and serums for prevention of animal diseases. Does blood, urine, fecal exams for diagnoses of animal diseases and prognoses of health. May assist veterinarian.
Lathe &/or Turning Mach Oper	Shapes metal by the action of rigid cutting tools applied to metal rotating in a lathe. Sets up as well as operates the machine.
Law Clerk	Searches and studies legal records and documents to obtain data applicable to case under consideration. Prepares rough drafts of briefs or arguments. Files pleas with court clerk.
Lawyer	Conducts criminal and civil lawsuits, draws up legal documents, advises clients on legal rights, and practices other phases of law. May represent clients in court or before quasi-judicial or administrative agencies of government. May specialize in a single area of law such as patent or tax law.
Lens Grinder	Fine grinds and polishes surfaces of lenses to specifications.
Letter Press Operator	Makes ready and operates a direct relief letterpress, either sheet or roll (web) fed, single or multicolor. May be designated by type of press operated, type of material printed, or according to trade name of press.
Librarian	Selects, acquires, catalogues, classifies, circulates, and maintains library materials. Furnishes references, bibliographies, and readers' advisory services.
Library Assistant	Compiles, records, sorts, and shelves books, and issues and receives library materials such as books, films, and phonograph records.
License Clerk	Issues licenses or permits to qualified applicants. Obtains necessary information, records data, advises applicants on requirements, collects fees, and issues licenses. May perform oral, visual, written, or performance testing.
Licensed Practical Nurse	Cares for ill, injured, convalescent, and handicapped persons in hospitals, clinics, private homes, sanitariums, and other settings.
Lifeguard	Monitors activities in swimming areas to prevent accidents. May teach swimming or water safety.
Line Erector/Installer-Repairer	Strings and repairs cables or wires, installs insulators, and erects wood poles, light-duty metal towers, or heavy-duty transmission towers for telephone and telegraph transmission.
Line Service Attendant	Performs a variety of aircraft support services such as, services airplanes on the line of an airport filling tanks with gasoline jet fuel and oil; loads and unloads luggage, other cargo, and containers of food, beverages, and dishes for in-flight meal service; transports and removes luggage and other cargo onto conveyor belts; directs plane to taxi position; operates portable stairs.
Livestock Handler	Feeds, waters, and otherwise cares for cattle, sheep, swine, etc. Observes animals for signs of disease or injury. Cleans and fumigates stalls and pens.
Loan Closer	Prepares papers and assembles documents to complete loan transactions between loan establishments and borrowers.
Locomotive Engineer	Drives electric, diesel-electric, steam, or gas-turbine-electric locomotives. Also interprets train orders, block or semaphore signals, and railroad rules and regulations in the transport of passengers or freight.
Mach Presser, Drycleaning	Operates pressing machine to smooth surfaces, flatten seams, or shape articles, such as garments, drapes, slipcovers, and hose. Uses hot-head presser or steam table. May use puff iron and hand irons to finish.
Mach Presser, Laundry	Tends pressing machine to press washed wearing apparel, such as uniforms, jackets, aprons, and shirts; and household linens. Machine may be designed for a specific article, such as handkerchief or shirt. May perform several tasks to finish household linens, such as sheets, pillowcases, tablecloths and napkins.



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Mach Tool Oper, Combination	Sets up and operates more than one type of nonportable power-driven machine tool, such as lathes, boring machines, grinding machines, and milling machines, which shape metal by progressively removing portions of the stock.
Machine Assembler	Constructs, assembles, or rebuilds machines or equipment, such as engines, turbines, and construction, rolling mill, woodworking, paper, printing, or food wrapping machinery.
Machinist	Sets up and operates machine tools. Fits and assembles parts to make or repair metal parts, mechanisms, tools, or machines. Applies knowledge of mechanics, shop mathematics, metal properties, and layout machining procedures.
Machinist, Wood	Sets up operates variety of woodworking machines to surface, cut, and shape lumber, and to fabricate parts for wood products, such as door and window frames, furniture, and sashes, according to specifications.
Mailer	Mails or dispatches newspapers, periodicals, books, cartons, or other bulk printed matter.
Maintenance Mechanic	Repairs machinery and mechanical equipment such as cranes, pumps, motors, conveyor systems, and production machines.
Maintenance Repairer, Gen Utility	Keeps the machines, mechanical equipment, and/or structure of an establishment in repair. Duties may involve pipefitting, boilermaking, insulating, welding, machining, machine and equipment repairing, carpentry, and electrical work.
Manager, Restaurant	Supervises and coordinates workers in a restaurant, coffee shop, or establishment selling alcoholic beverages for consumption on the premises.
Manager, Store	Manages retail store, performing the following duties personally or through subordinates: hires, trains, and discharges employees; plans work schedules and supervises workers; prepares purchase orders, formulates price policies, etc.
Marine Mechanic	Repairs mechanical equipment aboard fresh water and sea-going ships and other marine craft and floating structures.
Marker/Classifier/Wet Wash Assembler	Performs one or more of the following duties: marks, sorts, and records soiled garments and linens received for cleaning and laundering; reassembles washed laundry according to a list number of individual customer's bundles; verifies number and type of laundered or drycleaned articles by checking against customer's list.
Mechanical Engineer	Plans and designs tools, engines, machines, and other equipment. Oversees installation, operation, maintenance, and repair of equipment such as centralized heat, gas, water, and steam systems.
Media Buyer	Buys advertising time on radio or TV or space in publications or on billboards, etc. for clients.
Medical Assistant	Performs various duties under the direction of physician. Prepares treatment room, supplies, instruments, and patient for physician. Hands instruments and materials to physician as directed.
Medical Lab Technologist	Performs bacteriological, biological, and chemical tests for use in the diagnosis of disease and evaluation of treatment.
Meter Reader, Utilities	Reads electric, gas, or water consumption meters and records volume used by residential and commercial customers.
Mill/Grinder Oper, Mineral	Tends or operates equipment such as grinding mills and crushers that grind, pulverize, compress or otherwise reduce minerals to smaller sizes.
Mixer, Food & Tobacco	Tends equipment or operates machinery that blends or mixes ingredients used in manufacturing or refining food or tobacco products, such as sugar, candy, and other confections, animal feed flour and grain, fruit juices, jams, syrups, and snuff.
Mixer/Blender, Chemical	Combines, mingles, thoroughly fuses chemicals, plastics, synthetics, rubber, paint, and similar materials to produce a single mass or compound or to achieve a desired quality of texture, color, or similar characteristic.
Mobile Home Repairer	Repairs defective units and systems in mobile homes or travel trailers, using hand tools and power tools.
Mobile Home Set-up Operator	Installs and prepares single and multiple unit mobile homes for occupancy. May repair minor damage to mobile home incurred during transit.
Molder, Bench &/or Floor	Forms sand molds for production of metal casting, using hand tools, power tools, patterns and flasks, and applying knowledge of variables, such as metal characteristics, molding sand, contours of patterns, and pouring procedures. Shovels sand into flask and packs it in place.
Motion Picture Projectionist	Sets up and operates motion picture projection and sound-reproducing equipment to produce coordinated effects on screen.
Motorboat Mechanic	Repairs and adjusts electrical and mechanical equipment of gasoline-powered motorboat engines, using hand tools, power tools, and electrical testing meters.

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Musician, Instrumental	Plays one or more musical instruments in recital, in accompaniment, or as member of orchestra, band, or other musical group.
Nail Making Oper	Sets up, operates, or tends machines to drive nails into boards to fasten wood assemblies, and to nail lids on boxes, or attach molding, carving, scrollwork, or overlay panels to wooden stock.
New Accounts Teller	Interviews customers desiring to open banking accounts. Explains banking services available to prospective customers and assists them in preparing application form.
Nurse Aide/Orderly	Assists in care of patients, under direction of nursing and medical staff. Bathes and transports patient, changes bedding, reads patient's temperature and pulse, cleans room and other facilities, and performs related duties as required.
Nurse Professional	Cares for the sick or injured, usually in a hospital, public health, industrial, or private setting.
Nursery or Greenhouse Worker	Hauls and spreads topsoil, fertilizer, peat moss, and other materials to condition land. Digs, rakes, and screens soil. Plants, sprays, weeds, and waters plants, shrubs, and trees, etc.
Offbearer Millwork	Stationed at the discharge of a machine to receive wooden parts as they come off the machine, piles products or loads material on conveyor or truck for transfer elsewhere.
Offset Lithographic Press Oper	Operates offset printing press to print single and multicolor copy from lithographic plates, examining job order to determine press operating time, quantity to printed, and stock specifications.
Oil Burner Installer/Service	Installs and services automatic oil burners in furnaces in homes and commercial establishments, using hand tools and pipe threading tools.
Optic Mech/Dispensing Optician	Sets up and operates machines to grind and polish eyeglass lenses to prescription specifications. Assembles lenses into frames; assists customer in selection of frames. Also fits frames and contact lenses.
Optometrist	Examines eyes to determine visual efficiency and performance. Uses instruments and observation and prescribes corrective procedures.
Order Clerk	Processes customer orders for material or merchandise. Informs customer of receipt of order, prices, shipping date, delays, or additional information needed on the order. May route orders to departments for filling and follow up on orders to insure prompt delivery.
Order Filler	Fills shipping or transfer orders for goods from stored merchandise, may keep records of out-going orders, requisition additional stock, or report short supplies.
Ordinary Seaman	Stands deck department watch and performs a variety of tasks to preserve painted surface of ship and to maintain lines, running gear, and cargo-handling gear in safe operating condition. May handle lines to moor vessels, wash decks, or load and unload materials.
Painter, Maintenance	Paints walls, equipment, buildings, bridges, tanks, and other structural surfaces, using brushes and spray guns. May mix colors and materials to obtain proper color or consistency.
Painter, Production	Coats surfaces of manufactured items with finishing, protective, or decorative materials such as paint, enamel, lacquer, stain, or corrosion-resistive agent by brushing, dipping, or spraying.
Paralegal Personnel	Assists lawyers in research during the preparation of lawsuits or legal documents. May gather evidence to formulate defense or to initiate legal action.
Parking Lot Attendant	Parks auto for customers in parking lot or storage garage.
Paste-Up Copy-Camera Operator	Makes enlarged or reduced copies of printed material, such as photographs, maps, and drawings using copy camera. Arranges and mounts illustrations and printed legends on paper according to artist's layout.
Personnel & Labor Relations Spec	Conducts programs of recruitment, selection, training, promotion, welfare, safety, compensation, recreation, and separation of employees. Serves as specialist on labor management relations, representing either management or labor union. Studies and interprets collective bargaining agreements and current labor market conditions to assist in establishing policies and operating procedures. Reviews contract administration to insure that management and labor organizations adhere to contract specifications.
Pharmacist	Prepares and dispenses medication following prescriptions issued by physicians, dentists, and other medical practitioners.
Photo Retoucher, Airbrush Artist	Performs one or more the following: retouches photographic negatives and prints to accentuate desirable features of subjects, using pencils or watercolors and brushes; restores damaged and faded photographs or colors and shades drawings to simulate photographs, using airbrush; or colors portraits with photographic oil colors as specified to give them natural, colorful, lifelike appearance.
Photo Typesetter Operator	Operates keyboard and dials of automatic machine to photographically print typed matter onto strips of photosensitive paper for making printing plates.



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Photo Typesetting Mach Key	Operates phototypesetting machine to copy data from manuscript onto perforated or magnetic tape in phototypesetting machine.
Photographer, Portrait/Commercial	Photographs persons and makes photographic negatives from which prints can be developed, using studio-type camera. May photograph persons, motion-picture sets, merchandise, exteriors and interiors, machinery, and fashions to be used in advertising and selling.
Physical Therapist	Applies techniques and treatment which help relieve pain, increase patient's strength, and decrease or prevent deformity and crippling.
Physical Therapy Assistant	Administers physical therapy treatment such as massages, heat, light and sound treatment and traction to relieve pain. Instructs, motivates and assists patients in learning and improving functional activities. Assists physical therapist.
Physician &/or Surgeon	A doctor of medicine who diagnoses and treats mental or physical disorders. May specialize in surgery, obstetrics, psychiatry, etc.
Pinchaser	Clears automatic pinsetter jams. May make minor adjustments to pinsetting equipment.
Pinsetter Mechanic, Automatic	Adjusts and repairs electrically powered automatic pinsetting bowling machines, following maintenance manuals, schematics, and knowledge of equipment.
Pipe Layer	Lays glazed or unglazed clay, concrete, plastic, or cast-iron pipe for storm or sanitation sewers, drains, or water mains. Grades trenches or culverts, positions pipes, and seals joints.
Plater Helper	Assists electroplater or dip plater by performing any combination of the following tasks: prepares metal or other material for immersion in cleaning, plating, or rinsing solutions; carries objects between conveyors; removes objects from solutions and dries plated objects by tumbling in sawdust, placing objects in oven or drier, or hanging them up to air dry.
Plumber &/or Pipefitter	Assembles, installs, alters, and/or repairs pipe systems (metal, plastic, ceramic, composition, etc.) that carry water, steam, air, or other liquids or gases.
Plumber/Pipefitter Helper	Assists one or more skilled Plumbers &/or Pipefitters, by performing specific or general duties of lesser skill, such as keeping a worker supplied with materials and tools; cleaning working area, machine, and equipment; assisting craft worker by holding materials or tools; and performing other unskilled tasks as directed by craft worker.
Police & Detective Supervisor	Supervises and coordinates activities of members of police force.
Police Patrol Officer	Maintains order, enforces laws and ordinances, and protects life and property in an assigned patrol district or beat by performing a combination of such duties as: patrolling a specific area on foot or in a vehicle; directing traffic; issuing traffic summonses; investigating accidents; apprehending, arresting, and processing prisoners; and acting as a witness in court.
Postal Mail Carrier	Sorts and delivers mail on established route either by foot or in vehicle.
Postal Service Clerk	Performs any combination of tasks in a post office, such as receives letters and parcels, sells postage and revenue stamps, postal cards, and stamped envelopes; fills out and sells money orders; places mail into pigeon holes of mail rack, or into bags, according to State, address, or other scheme; examines mail for correct postage.
Postmaster/Mail Superintendent	Supervises and coordinates activities of workers engaged in postal and related work in assigned post office.
Pot Tender	Tends battery of reduction pots that melts aluminum oxide or other metals. Regulates rheostat or repositions anode to increase current flow and regulate temperature of solution. May operate pneumatic air hammer or use crowbar to break hole in pot crust. May pour alumina from overhead hoppers to change pots.
Poultry Dresser/Eviscerator	Slaughters and dresses fowl to prepare them for market. May weigh, wrap, and prepare poultry for shipment or storage.
Production Packager	Assembles containers, pours, and places materials and products into containers, covers articles or goods with cellophane, paper, or other wrapping materials. Cleans, closes labels, stencils, and stacks articles and containers. Operates filling, packing, or wrapping machine.
Proofreader, Compos Room	Proofreads copy after it has been typeset to detect and mark for correction any grammatical, typographical, or compositional errors; marks, by standardized code, errors that appear in proof; returns marked proof for correction and later rechecks the corrected proof against the copy.
Property Handler	Installs and removes motion picture set props, such as rugs, lamps, flowers, chandeliers, and furniture, using hand tools and handtruck and following written or oral instructions.
Public Admin Inspector, Exc Const	Examines people, animals, plantlife, products and establishments for enforcement of health, safety, and other regulatory laws.

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Punch Press Oper, Metal	Operates or tends machine that trims, punches, shapes, notches, draws, or crimps metal stock between preset dies.
Purchasing Agent &/or Buyer	Purchases machinery, equipment, tools, raw materials, parts, services, and supplies necessary for operation of an organization.
Rater	Calculates amount of premium to be charged for various types of insurance, using rate book. May calculate commissions.
Real Estate Broker	Sells, rents, and manages properties, makes appraisals, and arranges for loan while managing and operating real estate office.
Receptionist	Receives visitors coming into an establishment. Determines visitors' purpose and directs them to the proper person or department. May perform additional clerical duties such as typing.
Recreation Facilities Attendant	Schedules or coordinates use of recreational facilities, such as golf courses or tennis courts, operates ski lifts, or loads and operates shooting traps. May also collect fees, issue or sell athletic equipment, or clean and repair equipment and facilities.
Refrigeration Mechanic	Installs, services, and repairs refrigerating and cooling systems according to blueprints and engineering specifications, using knowledge of refrigeration, structural layout, and function and design of components.
Refuse Collector	Collects trash on designated route within municipality and dumps refuse from containers into trucks.
Reporter/Correspondent	Collects and reports facts about newsworthy events by interview, investigation, or observation. Writes stories for newspapers, magazines, radio, or television.
Ride Operator	Operates or tends games of chance or skill, mechanical riding devices, or refreshment or souvenir concession stands at carnivals, stadiums, parks, or other amusement places. May also solicit patronage, collect tickets or fees, or clean and repair booths and mechanical devices.
Roofer	Covers roofs of structures with slate, asphalt, aluminum, wood, and related materials, using brushes, knives, punches, hammers, and other tools.
Roofer Help	Assists one or more skilled Roofers, by performing specific or general duties or lesser skill, such as keeping a worker supplied with materials and tools, cleaning working area, machine, and equipment, assisting craft worker by holding materials or tools, and performing other unskilled tasks as directed by craft worker.
Rubber Goods Cutter/Finisher	Operates and number of machines to cut, drill, punch, or grind molded and extruded rubber goods in order to impart a finished appearance. Positions material, such as molded rubber parts, gaskets, tubing, and office machine rolls, in specified machine to bore or punch holes in parts, cut washers from tubing, cut tubing to length, or grind tubing and machine rolls to size.
Sales Agent, Financial Service	Calls on industrial, wholesale, and retail establishments, real estate brokers, contractors, and individuals to solicit applications for loans and new deposit accounts for bank.
Sales Agent, Insurance	Sells insurance, recommending amount and type of coverage based on analysis of client's circumstances. Explains features of policies offered. May collect weekly or monthly premium from policyholders.
Sales Agent, Real Estate	Rents, buys, and sells property to clients on commission basis. Performs duties such as studying property listings, interviewing prospective clients, accompanying clients to property sites, discussing conditions of sale, and drawing up real estate contracts.
Sales Agent, Securities	Provides information on stocks, bonds, market conditions, and prospects of various corporations to prospective customers. Develops portfolio (list) of selected investments for presentation to clients. Must be licensed.
Sales Clerk	Sells a large variety of goods or services. May write sale slips and ring up sales.
Sales Representative	Sells goods and services where extensive knowledge of the products is required.
Secretary	Schedules appointments, answers phone, takes and transcribes dictation, and otherwise relieves officials of clerical work and minor administrative details.
Sewing Mach (Reg) Oper, Garment	Operates single or multiple-needle sewing machine to sew garment parts.
Sewing Mach (Reg) Oper, Nongarment	Operates single or multiple-needle sewing machine to join parts in the manufacture of such products as linens, bedspreads, textile bags, carpets, upholstery, mattresses, leather goods, morticians' goods, toys, umbrellas, buttons, and zippers.
Sewing Mach (Spec) Oper, Garment	Tends sewing machine that automatically joins, reinforces, or decorates garments or garment parts, or that performs specific functions, such as buttonhole making or tacking.
Sewing Mach (Spec) Oper, Nongarment	Tends sewing machine that automatically joins, reinforces, decorates, or performs related operations on articles, such as upholstery mattresses, draperies, and other fabrics, leather and leather products, or textile products.

Sheet Metal Worker	Fabricates, assembles, installs, and repairs equipment such as control boxes, drainpipes, and furnace casings. Work includes cutting, bending, shaping, soldering, and welding sheet metal.
Shellfish Shucker	Shucks fresh or steamed shellfish, such as oysters, clams, or scallops, preparatory to canning or freezing, or fresh packing.
Ship Engineer	Supervises and coordinates activities of crew engaged in operating and maintaining engines, boilers, deck machinery, and electrical, refrigeration, and sanitary equipment aboard ship.
Ship Fitter	Lays out and fabricates metal structural parts, such as plates, bulkheads, and frames, and braces them in position within hull or ship for riveting or welding. May prepare molds and templates for fabrication of nonstandard parts.
Shipping & Receiving Clerk	Receives incoming shipments of merchandise, prepares merchandise for shipment, and/or keeps records pertaining thereto.
Social Service Aide	Helps clients obtain and use social and related services under supervision of professional staff or as member of a team.
Spinner, Frame	Tends spinning frame to draw out and twist roving or sliver into yarn.
Sports Instructor	Teaches individuals or groups a variety of games and sports including golf, tennis, skiing, bowling, etc. Explains and demonstrates athletic techniques and methods. Observes students and tells them how to correct mistakes.
Statistical Clerk	Compiles data and computes statistics for use in statistical studies. Computes statistical data according to formulas, using calculator.
Stock Clerk, Sales Floor	Receives, stores, and issues merchandise on sales floor. Stocks shelves, racks, cases, bins, and tables with merchandise to attract customers.
Stock Clerk, Storeroom & Warehouse	Work involves a combination of the following: checking incoming orders, classifying and inspecting when necessary, storing supplies, applying identification to articles, issuing supplies, taking periodic or perpetual inventory, making up necessary reports, requesting or ordering supplies when needed.
Supervisor, Nonworking Exc Service	Supervise and coordinates activities of workers engaged in production, maintenance, construction, repair, material handling, and powerplant occupations. Studies work schedules and estimates employee-hour requirements for completion of job assignment. Those spending 20 percent or more of their time at tasks similar to those under them or who are lead workers are not included.
Surveyor	Determines and identifies the shape, contour, location, and dimensions of land or land features.
Switchboard Oper/Receptionist	In addition to performing duties of switchboard operator, acts as receptionist and may also type or perform routine clerical work.
Systems Analyst, EDP	Analyzes business, scientific, and technical problems for application to electronic data processing (computer) systems.
TV/Radio/Tape Deck Repairers	Repairs and adjusts radios and television receivers, phonographs, tape recorders, and other electronic audio equipment.
Taper	Seals joints between plasterboard or other wall-boards to prepare wall surface for painting or papering.
Tax Examiner	Collects taxes from individuals or business firms according to prescribed laws and regulations.
Tax Preparer	Prepares tax forms for individuals or businesses. May work in office of tax preparation firm.
Taxi Driver	Operates taxicab to transport passengers for fee. May drive limousine or custom-built sedan to pick up and discharge airport passengers arriving or leaving on scheduled flights and be designated Chauffeur, Airport limousine.
Teacher, Adult Education	Teaches vocational and/or occupational subjects to adult students. Subjects may include business, secretarial science, data processing, commercial art, trades, pottery, and practical nursing.
Teacher, Col Computer & Info Sci	Conducts college or university classes for graduate and undergraduate students. Teaches College Computer & Information Science subjects.
Teacher, Col Graphics & Fine Arts	Conducts college or university classes for graduate and undergraduate students. Teaches College Graphics & Fine Arts subjects.
Teacher, Col Mech & Sk Crafts	Conducts college or university classes for graduate and undergraduate students. Teaches College Mechanical & Skilled Crafts subjects.
Teacher, Col Secty, Office Mach	Conducts college or university classes for graduate and undergraduate students. Teaches College Secretarial, Office Machine subjects.



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Teacher, Col Transport & Util	Conducts college or university classes for graduate and undergraduate students. Teaches College Transport & Utility subjects.
Teacher, Elem Sch-Special, Exceptio	Teaches learning disabled, emotionally handicapped, mentally handicapped, hearing and visually handicapped, and gifted students in grades one to eight.
Teacher, Elementary Academic	Teaches elementary school pupils in public or private schools academic, social, and manipulative skills in grades one to eight.
Teacher, Preschool/Kindergarten	Teaches subjects such as personal hygiene, music, art, and literature to preschool children.
Teacher, Secondary-Special, Excepti	Teaches learning disabled, emotionally handicapped, mentally handicapped, hearing and visually handicapped, and gifted students in grades nine to twelve.
Teacher, Substitute	Replaces elementary or secondary school teacher as needed. May teach one or more subjects.
Teachers Aide	Performs such duties as arranging work materials, supervising students at play, and operating audio-visual equipment.
Tech Asst, Library	Compiles records, sorts and shelves books, and issues and receives library materials, such as books, films, and phonograph records.
Telephone Ad Taker, Newspaper	Receives orders for classified advertising from customers, in person or by telephone, at reception counter of newspaper. Writes copy, determines rate charge from rate schedule, and assigns box number to anonymous advertisements. Collects payment for advertisements. Writes and forwards orders. Signs for incoming express of special mail items.
Teller	Receives, pays out money, and keeps records of various bank transactions.
Tester	Performs tests on parts, products or materials before, during, or after processing to determine whether the operation and/or characteristics meet required standards and specifications. Excludes technicians with formal post-high school training.
Ticket Agent	Sells tickets for transportation agencies such as airlines, bus companies, railroads, and steamship lines. May check baggage and direct passengers.
Tire Changer	Removes and replaces tires on automobiles, buses, trucks, and other vehicles. May perform related duties such as mounting tires on wheels, balancing tires and wheels, or repairing damaged tires by plugging puncture of tubeless tire or patching inner tube of tube-type tire.
Title Examiner	Searches public records to determine legal condition of properties. Copies or summarizes recorded documents such as mortgages, trust deeds, and contracts. May prepare and issue insurance policy that guarantees legality of title.
Tool & Die Maker	Analyzes a variety of specifications, lays out metal stock, sets up and operates machine tools, and assembles parts to make or repair dies, cutting tools, jigs, fixtures, gauges, and machinists' hand tools.
Tractor Operator	Drives tractor equipped with one or more accessories, such as a bulldozer blade, frontal hydraulic shear, grapple, logging arch, cable winches, hoisting rack, or crane boom.
Trailer-Rental Attendant	Rents various types of trailers such as vacation, boat, and open trailers and vans. Completes contract and collects deposit. Selects hitch, attaches and locks trailer safety chain to automobile bumper, and splices wires from trailer's tail lights onto wires leading to automobile tail lights. Collects amount due when trailer returns.
Train Conductor	Supervises and coordinates activities of train crew. Performs activities such as keeping crew on time table schedule, following train orders, assisting passengers, and collecting tickets.
Transportation Agent	Expedites movement of freight, mail baggage, and passengers through airline terminals. May prepare airway bill of lading on freight, record baggage, mail and freight, weights, and number of passengers on airplane. Route inbound and outbound air freight shipments.
Travel Counselor	Plans trips for members of automobile clubs. Marks suitable roads and possible detours on road map, showing route from point of origin to destination and return. Indicates points of interest, restaurants, hotels and other housing accommodations, and emergency repair services available during trip. May make reservations and calculate expenses and mileage.
Tree Planter	Plants seedling trees to reforest timber lands or Christmas tree farms.
Tree Trimmer	Trims trees to clear right-of-way for communication lines and electric powerlines to minimize storm and short-circuit hazards.
Trimmer	Operates bank of circular saws to produce lumber of specified length and grade.
Truck Driver	Drives truck or tractor trailer to transport materials between destinations.

Typist/Word Processor	Prepares letters, reports, stencils, forms, addresses, or other straight-copy material from rough draft or corrected copy typewriter or word processing equipment. May perform other clerical duties as assigned.
Umpire	Officiates at sports event and observes actions of participants in events to detect infractions of rules, and makes final decisions on disputable matters according to established regulations, consulting opposing teams or players when required.
Underwriter	Reviews individuals applications for insurance to evaluate risk and accepts or rejects applications.
Upholsterer	Pads, covers, trims, and sews materials in the manufacture of furniture or vehicle seats using hand tools.
Urban & Regional Planner	Develops plans and programs for use of land and facilities of cities, counties, and metropolitan areas.
Usher/Lobby Attend/Ticket Taker	Assists patrons at entertainment events such as sporting events and motion picture performances in finding seats, searching for lost articles, and locating such facilities as restrooms and telephones. Collects admission tickets and passes from patrons.
Vegetable Crop Worker	Plants, cultivates, and harvests vegetables, working as a crew member. May plant roots and bulbs using hoe or trowel. May weed and thin blocks of plants using hoe or spoon-shaped tool. May transplant seedlings using hand transplanter or by placing seedlings in rotating planting wheel while riding on power-driven transplanter. Picks, cut, pull, or lifts crops to harvest them.
Veterinarian	Diagnoses and treats animals for diseases and disorders.
Veterinary Assistant	Assists veterinarian in examinations, preparing animals for surgery, performing simple laboratory tests, giving medications, keeping facilities clean, and general office work.
Vocational & Educational Counselor	Counsels individuals and provides group educational and vocational guidance services.
Waiter or Waitress	Serves food and/or beverages to patrons at tables or counters. Usually takes order from patron and makes out check. May set table with linen and silverware and take payment from patrons.
Water Treatment Plant Oper	Controls treatment plant equipment to filter and clarify water for human consumption and industrial use.
Wax Pattern Worker	Performs one or several of a variety of jobs associated with wax patterns used in lost-wax casting processing, such as tending semiautomatic wax molding machines, assembling wax components or patterns, covering wax foundry patterns with coating compound to form shell mold, repairing wax patterns, and/or tending melting pots in which wax is melted.
Weaver	Operates various looms to weave yarn or paper yarn into cloth or items such as mesh, scrim, and fiber rugs. Observes material being woven to detect defects. Removes defects in material by cutting and pulling out filling. Adjusts pattern chain to resume weaving. Examines looms to determine cause of loom stoppage, such as warp, filling harness breaks, or mechanical defects.
Welder/Flamecutter	Joins, surfaces, and makes or repairs metal structures using gas or electric welding, soldering, or brazing equipment. Cuts or perforates metal, using gas or electric cutting equipment.
Wholesaler	Manages wholesale trade enterprise that buys merchandise and sells it to retailers or to industrial or commercial consumers.
Wood Working Mach Oper	Operates one or more hand or power fed woodworking machines to surface, size, or joint lumber or to cut tongues, grooves, bevels, beads, or molding patterns.
Writer &/or Editor	Originates and prepares written materials such as scripts, stories, news items, advertisements, and other material. Coordinates, edits, and analyzes the work of writers.

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FORM 3619 (11-82)



STATE OF OREGON
EMPLOYMENT DIVISION
DEPARTMENT OF HUMAN RESOURCES

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